

Sequence Listing

<110> Baker, Kevin P.
Goddard, Audrey
Wood, William I.

<120> NOVEL POLYNUCLEOTIDES AND METHOD OF USE THEREOF

<130> P2751R1C1

<150> PCT/US00/20006
<151> 2000-07-21

<150> US 60/145,701
<151> 1999-07-26

<160> 564

<210> 1
<211> 478
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 212, 285, 424
<223> unknown base

<400> 1
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aaaatgatac aaggcatagg aagaagaaat taggattata tgctatgtaa 150
gaagcagtat agtgtttttt gaaaatagac ttgaattagt tggaaatcca 200
tattgaaaac tntcgggcaa acattttaa aaaataaaaa aatgatatgc 250
taagaaaagaa gagaaaaacgg aattcacaaa aatgntcaat taaaaccaca 300
aaaggaagca aaagtgtgga aaacaaaaag gggAACAAAG aataaggcaa 350
caaacagaaaa acagtaacaa atatggtaag cattaatccca actatattaa 400
taatcacttt aaatatcaat ggtntaaata tgtcaattat aagacagaga 450
ttaccagagt ggacacatta tataagct 478

<210> 2
<211> 682
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 45, 51, 62
<223> unknown base

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nttcccgccc gnttccggcc ccccagtgcc gcccttcgcg ggccggaggc 100

gcgagtcgtgg gctttggcgc cttcgccagcc gcaggcgaca tcctcttcc 150
tagctaaagc cccaaacgcc caggtggctt cctgggagag cacggctgag 200
cctccgcctt cagatcagaa caggcagagc ctccaagggc ggcttggcc 250
cagtgcctgc ttatcctgcc cgtctctcca cacttcttct ttccctgtcc 300
gttggagtcc attccttcct ggaaaagcca aagccgcgtcccctaagag 350
tcatgtgtta ctggattaat tgaaattctt gataggtaac agagtttat 400
catcagctta tgattgccta tgactagctc aaagttaagt ttaataaac 450
tagtaagtac aataaacctc attccttaat acaaggaaaa gaactatata 500
atgaatactt gtctctatgc ccctctcgca tagataacaa taathtaggt 550
ttacctttaa atgaactgca tttaaatgaa attaattaa atgattgttt 600
cacggcacag tttcatcaat ggtctacggt atcccttatt tatgtataca 650
tcagtttgc tacatctgta tctatgtatt tg 682

<210> 3
<211> 835
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 1, 6, 12, 27, 29-31, 49, 53, 56, 58, 61-62, 66, 68, 71, 74,
78-81, 85-86, 88, 91, 95, 98, 102, 105, 109, 111, 115, 126-127,
131, 139, 142, 146-147, 157, 163, 166, 169, 175, 177, 184,
196-197, 199, 210, 215, 217, 219, 222, 228, 234, 236, 238,
240-241, 244-245, 257, 260, 263, 271, 279, 287, 291-331, 335,
337, 345, 384, 392, 418, 438, 459, 465, 478, 499, 501, 507, 533,
562, 579, 587, 598, 616, 630, 656, 661, 667, 671, 684, 702, 746,
811, 824-835
<223> unknown base

<400> 3
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ganggngnag nngagnangg nggnggannn naggnngnag naggnccnag 100
anggnaagng nttgnaagaa aggganngcc nggtaaaana gnaccnnccc 150
aagaagngat tanggnggnt tcctngntga aggntgtgga tcccnnntnt 200
ttccccggan ttatngntng gnaacaanat ttchngnngn nacnnaggca 250
aacaatnaan ttnccaaggt ntggtagna tttcccnccg nnnnnnnnnn 300
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn ngatntnggg gttntcccc 350
tttcccttc cccttcccc accccggggg ttcnggttgg tnaagaaaaa 400
aaaaaaaaaa aagaattntg gcgccgcctc ggcggagntg gtgatcggt 450
ggtgcatant cggcntctta ctactggnta tttggcatt ctgctggana 500
natgttngta aataccaaag tcggcggaa agnagaagttg tttccaccat 550

aacagcaatt tnttttttag caattgcant tatcacntca gcacttgnac 600
cagaggaaat atttnggtt tcttacatgn aaaatcaaaa tggtacattt 650
aaggantggg ntaatgntaa ngtcagcaga cagnttgagg acactgtatt 700
anacggttac tatactttat attctgttat attgttctgt gtgtnttct 750
ggatcccttt tgtctactta tattatgaag aaaaggatga tcatgatact 800
agttagatgta ntcaaattaa aacnnnnnnn nnnnn 835

<210> 4
<211> 491
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 181, 213, 251, 335, 345-346, 350, 357, 374, 381, 387, 398, 401,
403, 427, 442, 447, 451, 463, 481, 484, 486, 489
<223> unknown base

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tataacagat gcacgcttat ttatacttat gtgttaagtga aataaatggc 100
aaaaatgata caaggcatag gaagaagaaa tttaggattat atgctatgta 150
agaagcagta tagtgtttt tgaaaaataga nttgaattag ttggaaatcc 200
atattgaaaa ctntcgggca aacattttta aaaaataaaa aaatgatatg 250
ntaagaaaaga agagaaaacg gaattacaca aaatgctcaa ttaaaaaccac 300
aaaaggaagc aaaagtgtgg aaaacaaaaaa ggggnacaaa gaatnnggc 350
acaaacngca aacagtaaca attntggtaa ncattantcc aattatantt 400
ncnattactc taaatatcaa tgttttaat atgtctattt tnagacngag 450
nttaccagag agnacacatt atataaggc ngangngtng g 491

<210> 5
<211> 637
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 4, 12-13, 31, 37, 40, 43-44, 46, 50, 55, 64, 68, 78, 97, 114,
124-125, 137, 148, 183, 185, 227, 233, 236, 238, 264, 266, 268,
276, 322, 325, 334, 340, 345, 417, 426, 428, 472, 474-475,
482-484, 500, 502-503, 509-510, 521, 540, 543, 558, 588-589, 594,
598, 606, 616, 631, 633
<223> unknown base

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ggaaaaaaaaaa tttnaagnta taccaagnaa aaaatttaat tccaagnatt 100
ggattgaatt cccngggat cttnnagaga tcccttngac tttgaccnaa 150

gggtccggct ttaggggaag aagtttgtt ttnngtggc cctggtaactg 200
aagacgcgtt ccgggtagcc caaagangtt tcntantnac ccaaagcccc 250
gcacccgcct ttntntntt ttcttntggc aggatgaggc gtgcaggcct 300
gggtgaagga gtacttcctg gnaantatgg gaantatggn tatgntaata 350
gtgggtatag tgccctgtgaa gaagaaaatg agaggctcac tgaaagttt 400
agaagcaaag taactgntat aaaatntntt tcccattgaa ataggccatg 450
aagttaaaac ccagaataaa tnannagcgg annnggatta aaaagacgan 500
tnnacaacnn tgattttgta ngtataacta tggcataan tgnagatttt 550
ttccagangg agctaaacaa agatgttg agatatgnng aggnatnat 600
taattntcaa gtttgntcac ataggcgagc ntnaaac 637

<210> 6
<211> 969
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 12-13, 25, 46, 49, 53, 64, 94, 118, 134, 140, 153, 155, 164, 172,
175, 177, 182, 184, 191, 210, 218, 221, 223-224, 240, 242, 250,
259, 266-267, 272, 276, 298, 305-306, 319, 339-340, 344, 346,
348, 353, 384, 397, 408, 432, 455, 457, 470, 474, 480, 502, 504,
519, 525, 559, 579, 597, 625, 629, 631, 634, 645, 649, 655, 657,
666, 670, 675, 681, 697, 768, 773, 776, 786, 788, 791, 794, 816,
819, 830, 859, 877, 879, 886, 895, 904, 910, 913, 918, 925,
927-946, 952, 956, 958, 962, 966, 968-969
<223> unknown base

<400> 6
ccccttttc cnnggtttt tttnggaaa aaaatttcag gggtancng 50
ggnaaaattt aaantccagg gtttgggggg atttccccgg ggtncctttg 100
gagttccctt ggacctgnaa caaagggttg gaantaaaaan aaaaattaaaa 150
aancnggggtt ttnggggaa antnanaat gngnttgggg ncaagaaaaa 200
tgggttttn gggagggnaa ngnnggttca tttccaaatn gnaggggggn 250
aaaaatttna ggcttnnggg gnagggngaa aaaaatttcg tagcctcnag 300
gttgnnattt ttaaacctnc agaaggtggc cagccccgnn tcancngntg 350
atnaaggcag atggaaaaag ggggatatgg ggtntataagg gtacctntca 400
ccctttnga aggaaaaaaaaa gtggtccaca gnattttgt ttacccaagg 450
gtaananatg gaattttgtn gaanataggn gaatggtgag gcattggaa 500
anangggggg gggttttnt tgaanggggg agtaggggta tggtattttta 550
tgggaaaana gtttttggc actaaaccnt tttgaattac ctaatanatt 600
tatgtggaaa cctgtccctt tttncagnt naanaaaaat tttncncnt 650

gaaantnatt tttagnaagn atatnaaaaag nattttttt ttcaagngtc 700
agaaaccttt tagcatcatt gaagtaaaaa tgactgtcca taaactttc 750
agaaatagta ggcatttnag gcacnagat ttgtanangg natnttcata 800
gaattataacc agtganttna ccacctgaan cctcttggat cccgtaagca 850
ttcttcgcna caaggaaggg aggtatncng ggtaantct tgaantttg 900
gacnggaacn atnactnga atttnannnn nnnnnnnnnn nnnnnngccg 950
cnnggnncntt tntcgngnn 969

<210> 7
<211> 952
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 1, 3, 7, 23, 30, 38, 49, 53, 64, 68, 84, 90-92, 109, 130, 147,
152, 182, 198, 211, 221-222, 228, 239, 243, 255, 271, 300, 303,
308-309, 314, 322, 331, 337, 340, 345, 359, 377, 381, 385, 412,
422, 452, 463, 469, 475, 541, 547, 586, 777, 780-781, 784-787,
789, 798, 802-803, 825, 831, 838, 840, 853, 855, 863, 865, 872,
885, 889-890, 907, 921-952
<223> unknown base

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ggnttaaccc agnnaaanat taaattccaa gggntttgn nngaattccc 100
cgggggttnc ttttaggggt tccttgacn tgaacccaa gtttcngc 150
cnngagggggg gggggaccgg tttttcccc cngcgtttcc cccggggntg 200
ggggttgggg ngcccathtt nngaagtnag tggggaggg gantgggaac 250
ccggnagtt tggagaaagg naggttcatt ccttaaccct gggggttccn 300
ggngcccnng gagnggcagt tngggaaata ntgttnagn ggttnnnnn 350
gttttcctng ggtcccgcca agggggnggt ncttnataaa agggtgcctt 400
tttccccaca gnttccaggt cngagaggag ccgcaccgtc gggttggaga 450
tngcgcgcaa ggnggttnt ggttnggatt tgcccccgcatt cggccacagg 500
aaaagcctgg tccctaggca cggttgtgg tgcagcttt ngtttntcg 550
aacattgagg tattcgctca gcccaccacg ttgtcntcgg ggttattagg 600
ccccagtcac aagccctatg atgtttcag acttcccagg tggagataag 650
gaaaatttta ctatttctgc agaacttctg ttgatgtaca gcattgtatt 700
tagcaacttc tgtgtagatc tgaaaataaa tacattacca attgttagtt 750
gcgttttat taatataatt ttagagnagn ngannnnngt gttagacnta 800
cnngaggtaaa ttatgtggca cttingcatt nttgttgnntn catgttcccc 850

tgnanittgc ttngngattt cnatttattc caaantcann atagaatgta 900
atttccnaac ccacagtcgg nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 950
nn 952

<210> 8
<211> 752
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 4-6, 8, 11, 34, 37, 40, 87, 123, 125, 133-134, 138, 143, 147,
166, 171, 174, 199, 242, 263, 302, 305, 333, 363, 380, 423, 425,
463, 527, 534, 539, 547-548, 553, 556, 561, 583, 604, 607, 615,
618, 621, 624, 628, 638, 641-643, 646, 648, 654-655, 658, 660,
666, 674, 676, 679, 688-689, 704, 710-725, 727, 730, 735, 739,
741, 745, 747, 749, 751-752
<223> unknown base

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ttaagtgttt tgccaaaaaaaa attccaagga aaataangcg gagtttgatt 100
tttcagagtt caacaggaaa aangngaaca aannngccnng agnttnaaa 150
gttttggaa agccantttt natntgttca aggaacagtt tttatTTTgng 200
atgccaatca gaattttgga cccagtataa tcaaggtcag antttcaacc 250
taagcctgga ccngacccat aataacggaa agtttaacaa tgactcacat 300
tntcntaaag tttccagcca gaataggaca cgntcatttgc gtcattttcc 350
cggtccagag ttnttggatg tagagaaaan tagctttcc caggaacaat 400
tttgtgattc cgcaggagaa ggntntgaaa gaatacatca agattttgaa 450
tttggtgatg aanttagcag cagctccact gaacagataa gggcaaccac 500
acctccaaat caaggaaggc cagattntcc tgtntatgnt aaccttnnag 550
aantgnaaat ntcccagtat ggtcttcccc canttcttgg gagcctggta 600
atnagnntta ttggngcntg nganactnat atagacanct nnngngntg 650
ttannatnan cacagngggc catngnatng aagttggnnna cctcttgctt 700
ggantcgggn nnnnnnnnnn nnnnnncntcn ccgcngggnc nttntngng 750
nn 752

<210> 9
<211> 478
<212> DNA
<213> Homo Sapien

<400> 9
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tatacagatg cacgcttattt tataactttag tgtaagtgaa ataaatggca 100

aaaatgatac aaggcatagg aagaagaaat taggattata tgctatgtaa 150
gaagcagtat agtgtttttt gaaaatagac ttgaatttagt tggaaatcca 200
tattgaaaac tctcgggcaa acattttaa aaaataaaaa aatgatatgc 250
taagaaagaa gagaaaacgg aattacacaa aatgctcaat taaaaccaca 300
aaaggaagca aaagtgtgga aaacaaaaag gggAACAAAG aataaggcaa 350
caaacagaaa acagtaacaa atatggtaag cattaatcca actatattaa 400
taatcactt aaatatcaat ggtctaaata tgtcaattat aagacagaga 450
ttaccagagt ggacacatta tataagct 478

<210> 10
<211> 279
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 90
<223> unknown base

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agtgcagtgg ccatgatctc ggctcaactgc actccagccn ggatgacaga 100
atgagactct gtctccaaaa ataaaataaa ataaaataaa agtatatga 150
acataaaaagt accttaggtc caaacaatga taacaactaa tatttattgg 200
gcgcttactg tggatgcat tgtgttaagc atttcacatg tatttactca 250
tttaatcctc acaaccatcc taaaaggc 279

<210> 11
<211> 171
<212> DNA
<213> Homo Sapien

<400> 11
gttccacgtt gtttggattt gaaaatcaag ataaaaatgt tcacaattaa 50
gctccttctt tttattgttc ctctagttat ttccctccaga attgatcaag 100
acaattcattc atttgattct ctatctccag agccaaaatc aagatttgct 150
atgttagacg atgtaaaaat t 171

<210> 12
<211> 615
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 53, 62, 104, 109-110, 134, 147, 159, 170-171, 209, 275, 304
<223> unknown base

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cgnngcggct cntcaactaaa aggctgccct tctccccac agctccaggt 100
cccnagagnn gccgcaccgt cgggttggag atcnccgtca agggtgncct 150
ctgggtctnc atctgccccn ncatcggcca cagaaaaagc cctggtcccc 200
taggcacgnt cgtggttcga gctttcggtt ctctcgacaca ttgaggtatt 250
cgctcagccc accacgttgt ccctncgggg ttattaggcc ccagtcacaa 300
gcctatgga tgtttccag acttcccagg tggagataag gaaaatttta 350
ctatttctgc agaacttctg ttgatgtaca gccattgtat ttagcaactt 400
cgtgtagatc taaaaataaa tacattacca attgttagtt gcgttttat 450
taatataaat cttagagtac ttgatttgc tgttagctt acttaggtaa 500
attatgtggc actctagcat ttttgggtt gcatgttcca ttgaacttg 550
ctctgtgttt tccatttatt ccaaattcaa aatagactgt aacttcccaa 600
tttattctat gttcc 615

<210> 13
<211> 1207
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 567, 675, 710, 733, 831-833, 1036
<223> unknown base

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aagtaatgac acagatggga cctgaacctg ggtctcagga ggctctggtc 100
cctggccaaa ctatgtgact atgtacatcc acctggtttc tgctcatggg 150
ttagtgtgtg acaggaacat tccatgatgg ctgcagcctc catcccaggg 200
gcacttggag aagccattcc actcagcccc cttgaccaga agaacccttg 250
ggatggaaaa gggaaatcctg attctgcaac tacgtgctcc catgagatct 300
gattttcagc cagggctgat ccgtggctgc cagcaaggaa gccacatcat 350
ctcattgtta ctagactggc cccgctgaaa gattagacaa caacgtttac 400
tttgcattta gccctgcctg gcactcagta tggattgcc tggcttcag 450
gggcactggc tacagtgtct ccgatgcagg gcagccccctg ccaagggcac 500
aggtgttcat aaatattcca tgaaccaatc aaatcagcca tggaaatgaga 550
tctaaggaac ctattcncgg caagcctgag acgaacactt aagcatgata 600
atgttatcaa cctggtctga taggcattgg ggcactggc cctcgattt 650

tcaatcaggg tctcacccag ggacngatct ccaacaccaa aaaaacttgg 700
tttttccatn cccattccaa actgggtct cncccaaatg cccttagggc 750
atggggggca agctggtccc ctggcaggt ttttcattc gaggttctca 800
ccccccgggg accggggatc ttccaacacc nnnggggaac cttgtgttt 850
ccactccccca gtcccagacg tgggctgctt ctccagagat gcccgcaggt 900
tttaaaagtt aaattgatga taacttttt ggctcaagta tagaagtaat 950
acattatcca ttgttagatta tttataggta aataaaattt tttaaatgac 1000
tttaaaccctt actaccaga actaaccacc actggnggtt gttaatgaat 1050
atattgattt acttacaaat ataggaccac aagatatggc acatgtttt 1100
caaccaacctt gtttgatag gcccagctt cttctgctgc gctactttat 1150
ttgcaacccca aacccgcttt taaaagaaaa atcatggtct tgtatttac 1200
aagtgat 1207

<210> 14
<211> 789
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 552, 576
<223> unknown base

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tttcctctaa gagttagcca ctattatccc ttcagagtgg atattcaggc 100
ttttctttcc tggcatggac atacatatgt aaatgtacat atataaaaat 150
aattagtgac accatgcattt gtagctcactt cctgtaatcc cagcactttt 200
ggacgctgag gtgagagaat tgcttgaggc catcagttt aagctgcagt 250
gatctatgat tgtgcctcta cactccagcc tgggtgacag ggtgagaccc 300
tgtctcttaa aaaaaaaattt gtatttgggg ttagtagtag tacctaccc 350
ataggttatt atgggatcag tacagtaggc cagacaaaatg gcgtatgcta 400
ttattttgcata tgttagtaagt accagcatat actacctgtt atccagaaaat 450
ttgctgaaat gtccttgta tttctctt ttcgatttt atcagtcttc 500
ctagaagtca tcagttttagt tttttcaaa gaaccagtgg ttgggttaat 550
gnatttggtt tgttttcttt tccaangatt tctgttttac tccttaataa 600
ttcccttttc tgctggcttt gggttccatt tgttcttctg tctttcttag 650
tttcttaagg taaaggctta gatcattgac ttcagatttt ttgtctttc 700
taacaagtgt tcaaaaactat aatataaattt tccctctaag cattgttttag 750

ccacatttca caaatttgga aatgtttatt cattttcac 789

<210> 15
<211> 294
<212> DNA
<213> Homo Sapien

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tttcaacccc attgggttcta ttttcttgta ttttccatt taatttgctt 100
cataacttaa accaagtctc ttcttagtctt aggtattatt tctcgatttt 150
gtgctgatgg gcatgtttat aagaactgga gaggtgattt attgaaatga 200
actaactgac ttccctccatt cccctttcc ttttgacat gaattttact 250
acttcacaaa tgaagaatga tgttatgaag ttaccgtggc aaag 294

<210> 16
<211> 514
<212> DNA
<213> Homo Sapien

<400> 16
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tccactgagt atgcagctac tatggttttt gtatgggacg tataaatact 100
tgattatata cgacagattt taatgtctt aaagacttcc tgctgtatta 150
acatattgtt atggagtctt ttaaatacta ggttgaattt aattgaagtc 200
acacacatct tgaagtggta actgcatagt aaataactacc aagagtttt 250
ttcacgtggg agtatcctaa aactctgccca tgggtgtaaa tgtttacat 300
taatttcata attggacaga ccctgcattt agcgaaaaca ttttgttttg 350
aaagtgtgtt cttttgtcg cactgttact gcgttaacact tctcaacatt 400
ctgttaagtta aattatttta aaataactat ggtgaatttca tgtttatttt 450
tttttacttt gaaaattgtt gtaactcagg ggtatttaat gggaaaggat 500
cctttgggtttaaa 514

<210> 17
<211> 501
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 28, 57, 60, 97
<223> unknown base

<400> 17
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ctactanggn ttttgtaagg ggaccgtata aataactgga ttatatncga 100

cagatttta atgtcttaa agacttcctg ctgtattaac atattgtat 150
ggatcttta aatacttaggt tgaatttaat tgaagtcaca cacatcttga 200
agtggtaact gcatagtaaa tactaccaag agttttttc acgtgggagt 250
atcctaaaac tctgccatgg gtgtaaatgt tttacattaa tttcataatt 300
ggacagaccc tgcatttagc gaaaacattt tgaaaaa gtgtgttctt 350
tttgtcgac tgttactgcg taacacttct caacattctg taagttaat 400
tatTTaaaaa taactatggt gaattcatgt ttatTTTT ttactttgaa 450
aattgttagta ctcagggtggt atttaatggg aaaggatcct ttgggtataa 500

a 501

<210> 18
<211> 197
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 27, 42, 57
<223> unknown base

<400> 18
cttcataact taaaccaagt ctcttcnagt cttaggtatt anttctcgat 50
tttgtgnntga tgggcatttt tataagaact ggagaggtaa tttattggaa 100
tgaactaact gacttcctcc attccctct tccttttga catgaatttt 150
actacttcac aaatgaagaa ttagttagt aagttaccgt ggcaaag 197

<210> 19
<211> 526
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 22, 60, 74, 97, 111, 165, 208, 221, 225, 227, 356, 371, 398
<223> unknown base

<400> 19
tggggcccccc ccaaccccg cnggtatcca aggaaaaat tttttattat 50
ggggtttccn ggaactattt gggncctatg gaaatagccc ttaaagnngct 100
tacattcatg ngctacttta acatgaatgg agaaaaatccg tttatggaaag 150
tacagtgaca attgncccaa tcactctgtc catcaaacca ctcaggctag 200
tttgtacnag tagagttttt nttcnanttt tatttttattt aatttttattt 250
tttttttaat acagattttc agtgaggggc ttttcaacc ccattggttc 300
tattttcttg tatttttcca tttaatttgc ttccataactt aaaccaagtc 350
tcttcnagtc ttaggtattt nttctcgatt ttgtgctgat gggcatgntt 400

ataagaactg gagaggtaat ttatttgaat gaactaactg acttcctcca 450
ttcccccctt ccttttgac atgaattta ctacttcaca aatgaagaat 500
gatgttatga agttaccgtg gcaaag 526

<210> 20
<211> 379
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 40, 103, 125, 127, 204, 219, 378-379
<223> unknown base

<400> 20
cagctccgga agactatgca cccaaagcacc aaacttccan ccagagagag 50
agacgtcctc cgataacaaa aatccttgct tcctctgtct gtgactttac 100
acncagttgt tcaaagttgt taaangncaa gagtcaatca catccctagg 150
actacacctcc aactctcctg actcttatgt tattgaaaaa acaaacaaac 200
aaanactcct ttatgatgnt attcaacttg agtggggttt tttttccac 250
tttggtcctg gatataatga aatgatacat attaggataa attttcaactg 300
tgtatagtag caatacgaac acacatgcc aatgtatcaac atatctactt 350
ggttacattt tggttatga taatcgann 379

<210> 21
<211> 408
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 102, 153, 167, 230, 251
<223> unknown base

<400> 21
tggaaaataact ggaaatttat tggatccagg ttccacattt gcagtttgg 50
aactactacc aaaaagattt caccaatttta caactccatc attagtaaga 100
angcctgttt gcctatagtc tgccaacctg aacccttaaa aattttgcc 150
aanctggtag gcaaaaantct ttctttctt tgaatattaa tgaggaggaa 200
catctttca tgtttcttgg ccatttgcattt ttccttattt gaattgcttc 250
nggcccattt tcctttttt aattatgaaa gtctaatgac tacttctca 300
ttgtataaaaa aacacagttc tttgaataga gagacccttt tctccaatgc 350
taccaatcac attccactta ccacagtttta acatacatcc tctagtcacc 400
tttccccga 408

<210> 22
<211> 453

<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 31, 87, 175, 263, 297-298
<223> unknown base

<400> 22
tagggccta ttggttgcct aagcatactt nttaacttgt gccattggcc 50
tttacaaaa tggagttttc aggaaaactat tttatancat ctagttattt 100
agtctacgta tctctattta gtggagcctt ttcccctcaa ataatatattt 150
ttatcatttt tggacttata taaancataa taaaataaat tttttcttaa 200
tactgttgaa ctttgtatata acaagttcag ataactttt cgaagatagt 250
ttcttatata aangtaattt aattttttt actcttctat acagtnntt 300
agatgtaaag gaatttagcac aatctctggc agtttataa aagctgttga 350
agctcttgc tcgcactgtc tttaggtatc ataggtatca ggtttgcttt 400
gtgttaatgc cacttcaagt cattatttgg ttctgttat ttttttacct 450
gag 453

<210> 23
<211> 356
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 42, 45, 201-202
<223> unknown base

<400> 23
atacatatat atgtgtgtgt gtgtgtgtgt gtgtatgtat anatntaatac 50
atttacactc ttttgggggt caagaatttgc aatgaagaaa aacaaatcca 100
attaatttttgc gcttcaggat acttctgata aaatcagtga aggttcttgg 150
attttgcatttgc cttttttttt tttagatcctt gccaggttac 200
nnttttttaa ataacatgtt caaattcatc tttttcagttt tagactatttgc 250
taagtttttgc gaaattgttta tagtcataga accatgatca ctaacaagat 300
atattcccccc actccaaagt cctatgtgtt cctttgttag ttaacctgtc 350
acccac 356

<210> 24
<211> 498
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 30, 49, 102, 141, 147, 171, 324-325, 339-341

<223> unknown base

<400> 24
acccttgacc caacgcggcc ccccgaccgn ttcatggcca aacgcgggnc 50
tccagctgtt gggcttcatt ctccccttcc tgggatggac cggcgcccat 100
cntcagcaact gccctgcccc agtggaggat ttactcctat nccggcnaca 150
acatcgtgac cgcccaggcc ntgtacgagg ggctgtggat gtccctgcgtg 200
tcgcagagca ccgggcagat ccagtgcaaa gtcttgact cccttgctga 250
atctgagcag cacattgcaa gcaaccgcgtg ccttgatggt ggttggcatc 300
ctcctggag tgatagcaat cttnntggcc accgttgtnn ntgaagtgtta 350
tgaagtgcctt ggaagacgat gaggtgcaga agatgaggat ggctgtcatt 400
gggggcgcga tatttcttct tgcaggtctg gctatttagt ttgccacagc 450
atggtatggc aatagaatcg ttcaagaatt ctatgaccct atgaccga 498

<210> 25
<211> 466
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 304
<223> unknown base

<400> 25
ttttcttttt tctctttttt aaattacctt tgttttgcgg taaggagttg 50
ggaaatttgt ggtggcaggg aagtaatgta agttgctta taactcactg 100
tctaacaag tttgaaaat ttgtctgata tgtaattagg tacttttaggg 150
ttatttagttt ttcataaaaa ttctggtag ggctcttgcctt ctgctccaa 200
tcaaaggcctt tccacagggc aaatataaaa gagagagtag agggaatccc 250
cctgagggttt aaataagtca aaccagtaag taatagtgt aagtttgtca 300
gtgnccctctc tttcttactg tacttaacat ctaaaggcctt cctcatttt 350
tttcagctaa ttatgttctt tatgagtgac tgtcaaatac gggaaagggtg 400
tgacgatcat gtggagatac cttttctaat taatagctgc cttgctcctc 450
aagattctga cgaacc 466

<210> 26
<211> 409
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 30, 36, 68, 77, 119, 235, 248, 250-252
<223> unknown base

<400> 26
cttctgaca ctgcccttc cttcccccn tcccancctg cccgaccat 50
gccccgggc gtgccangt cccacntac ttgaaaaatg ttgccagcc 100
agtctccttg gccccatgtnc gcaggggcag aagtggtgcc acaggtacta 150
ccgaccggac ctgacaatac ctgaaattcc caccaaagcg tggagaactc 200
aaaacggagc ttttggact gaaagaaaga aaacncaaac ctcaagtntn 250
nncaacagga ggaacttaaa taactacgtc caagaattct gtgaataata 300
taagtcttaa atatgttattt cttaatttat tgcatcaaac tacttgtct 350
taagcactta gtctaattgct aactgcaaga ggaggtgctc agtggatgtt 400
tagccgcga 409

<210> 27
<211> 390
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 37, 42, 62, 79, 81, 129, 132-133, 176, 179, 229-230, 248, 375
<223> unknown base

<400> 27
cgtgaaacac ccctttattt ctttcataac tactcantat gnctatttcc 50
ttcaccagat gnaagctcct gagctcagnc nctgactgtc ttttcaaca 100
ctgactagta cataacaggc acccaaatnt tnnttaattg tggtaaaata 150
tacataaaca a gtttaccatt ttaagnatnt aattcagcag cgttacatac 200
attcaaattt gttgtcaacc atcaccacnn tccatctccg gaactttnta 250
tcttcccaag ctaaggctct tggccattt aacaataact tctaattgca 300
ccattccctg tccaccctgg tgaccatcat tctgcactct atgaatttgg 350
ctactttatg tcccccaat aagtnaatac ataccgaccc 390

<210> 28
<211> 402
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 43, 105, 115, 245-246
<223> unknown base

<400> 28
tggcatgtgg gcccatttca gtttccctac atgttcccaa aanttattta 50
aattactgtg tccaaaatta tgaggacagt gtcattcatt caccatagtt 100
tatantctta gttanatatc aaacttcctt ggcacctagg ataagaacat 150
ttctttgaa gttatccat tttttttat ttttacttga cttgaaggaa 200

agttggaaaa tatggtggaa aaaatttcc gcattaaaag ggtcnntaaa 250
acacaaccat ttacgatctc agtcagcaga tttactctac tcaaggaaaa 300
aaagaaaaca a ctttattgga agcagatgtt gacactgtgt cagtattga 350
agacggaagg agttcaacttgc agccattgca gttacaaagg ggtattgatc 400
ga 402

<210> 29
<211> 300
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 39, 47, 112, 134, 142, 144, 149, 177, 183, 234, 251, 257, 287,
297
<223> unknown base

<400> 29
tctgcccctg aaatatacaa gggcatgcc caaattaana caggtnacc 50
ttttagagg taaatatgtt ggcattattt attgacattt atgcttcaag 100
catgtcttat tntatgtaat tttaagaaaat actntattta antngtgana 150
tatacctaaa agcatactag ttagctntta gantctcaact tagggagggt 200
aaagaaaacat cactgatgcc aatatgaaga tttntaaaca aatccttgt 250
ntagaanttt tttctttcg tgcacctcac aacacantta ccatcgnacc 300

<210> 30
<211> 540
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 30, 85, 106, 114, 146, 153, 169, 178, 227, 231, 235, 253, 256,
268, 343, 373, 443, 486, 531
<223> unknown base

<400> 30
ggccggttct tttaagatct ttgacctgan ccaaagttc gggaaagggg 50
gggttgc cca ggtggagtgc atggggatt ttggnttaat gcaagttccc 100
cttccngtgt taangccatt ttccctgcttc agctttttt agtagntgga 150
aanacaggcg cccgccaana cacctggnta atttttgtt ttttcagtag 200
agacggggtt tcaccgtggt ttcaatntcc ngacnttggc atccgccccgc 250
ctnggnntgc caaaagtntg ggattataag cgtgagccac cgccggccgc 300
cgagatgttt tgatacaggc atgcaatgtt aaataatcag atnatagaca 350
atgaggtatc catccccctcg aanttttac ctttgggtta ctaacaatcc 400
cgtgaacact ttttagtta tttaaaatg tataattgt tantactgac 450

tatagtcaac cctgttatgc tgtcaaataa tagatnttat tcattcttac 500
tgttttttt gtactcatta actgttctca ncgccgaacc 540
<210> 31
<211> 168
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 56, 61, 112, 156, 165
<223> unknown base

<400> 31
gtttttttt tttgaagcga acttttgcta tattgctaag gctagtttg 50
aactcntggg ntcaagcaat actgccttga cctcctaaag tgcttggatt 100
acaggcatga gntactgcgc ctggcctgca atatgtattt taagctactt 150
tttttnntat tccgnacc 168

<210> 32
<211> 534
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 98, 118, 504, 513
<223> unknown base

<400> 32
tgtcgacgcg aatgccccgc gggcgagaa ctgggctccc accgaggagg 50
ctggaggcag gttcgctgtg gttcccccctc ccgacctggc agagctgncg 100
ggagctctct gaggtccntc gagagtacccg gaaggagcac cagactacgt 150
gttccctgct cttctgcggc gcctacctct acaaacaggg ctttgccatc 200
cccggtctcca gtttcctgaa gtttagctg gtgccttgc ttggccatc 250
ggctggggct tctgctgtgc tttgtgttgc cctcggtgg tgccacatgc 300
tgctacactgc tttccagtat ttttggcaaa cagttggtgg tttctactt 350
tcctgataaaa gtggccctgc tgcagagaaa ggtggaggag aacagaaaaca 400
gcttggttttt ttcttatttgc ttttggagac tttcccccattt gacaccaaac 450
tggttcttgc acctctcgcc cccattctg aacattccca tcgtgcagtt 500
cttnttctca gtncttatacg gtttgcatttcccg 534

<210> 33
<211> 361
<212> DNA
<213> Homo Sapien

<400> 33
aaaaaaaaaaa aaaactgcct ttctccct cagtcactt ttgtgctcca 50

gaaaattttc tattctgtaa gtctgagcgt aaaacttcag tataaaaata 100
atttgtacat gtagagagaa aaatgacttt tcacaaaata tacagggca 150
gctgc当地 tgatgtatta tatattgtgg tttctgtttc ttgaaagaat 200
tttttcgtt attttacat ctaacaaagt aaaaaaaatta aaaagagggt 250
aagaaaacat tccgggtggga tgatttaac atgcaaaatg tccctggggg 300
tttctcttt gcttgctttc ttcctcccta ccctacccccc cactcacaca 350
cacacacaca c 361

<210> 34
<211> 513
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 25, 81, 107, 357
<223> unknown base

<400> 34
acccggcatt agggagggcga ggtgngcaat gtcttaaccc cgggctcaac 50
cagtcctccg gcttctgctt cccaagggtgt ngggattgcc aggctggagc 100
ccattgngcc cagtcatttgc tatagttta aaaaaacaaa accaaaaggc 150
taataaatgg cacccctttg caagctcttc cccctccctt tcttttcct 200
tcccagtgtc tcctacttct ctgacactgt tgacagcatt atactttgg 250
atgttggtag catgtataaa gtacatttatt acataacaag ttaatataac 300
ataatagttt caagggtttt gccacttaat tatactaagt tacttaacct 350
ctcaatncct tatctgtaga ttttgggg gatagggtgg gatagtaata 400
gtaactacaa ggtttcacaa gggttgaaaa ttgaatgaga aatacatggc 450
actttaacaa gtcactatgg attatttaat ttctttcctt cttttctgc 500
tgctgcttct ccc 513

<210> 35
<211> 445
<212> DNA
<213> Homo Sapien

<400> 35
actatggtaa atagttatac tgtattggtt taggaaataa tggccatttt 50
taaaagtctg tacatgttca gtacagacac agtcttttg aagtattttt 100
tatccctcct ttgttgaatc ccatggatgc agaaccatgg atatgaaggg 150
ctgactatat tctcacagtt atattcaagt tgtattttga atgattttat 200
gacaatctt taccaaaggg ccaactgtat tctcatgttt attattcaag 250

ttgtatgaca atttcataatc agccccccag agagttggca tttggattga 300
aatcataactg agtctctaga ttaatttagg gagaagtgc acatcttataa 350
tttgaatct tcctatccat gtatatgcga gtgtttgtt tttcagtggc 400
atttcaaat tttcttcagg taggtctctt agtgtttatt cccga 445

<210> 36
<211> 526
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 25, 50, 60, 123, 127, 370, 395, 397-398, 402-403, 405-407
<223> unknown base

<400> 36
attctccctt cctggatgga tcgcncacc gtcacattgc cttccccan 50
tggaggattn actcctatgc tggcgacaac atcgtgaccc cccaggccat 100
ttaccgaggg gctttggatg tcntgcntgt cgccagagcac cgggcagatc 150
ccagtgcaaa gtcttgact cttgctgaa tctgagcagc acattgcaag 200
caaccctgtc cttgatgggg ttggcatcct cctggagtg atagcaacct 250
ttgtggccac cggtggcatg aagtgtatga agtgcttggc agacgatgag 300
gtgccagaag atgaggatgg ctgtcattgg gggcgcgata tttcttgg 350
caggtctggc tattttagtn gccacagcat ggtatggcaa tagantnntt 400
cnngnnntct atgaccctat gaccccgatc aatgccaggt acgaatttgg 450
tcaggctctc ttcactggct gggctgctgc ttctctctgc cttctggag 500
gtgcctact ttgctgttcc tgtccc 526

<210> 37
<211> 375
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 220
<223> unknown base

<400> 37
ttttttttct tgtttaagct gactcttgc tctaattttg gaaaaaaaaga 50
aatgtgaagg gtcaactccc acgtatgtgg ttatctgtga aagttgcaca 100
gcgtggcttt tcctaaactg gtgtttcc cccgcatttg gtggattttt 150
tattattatt caaaaacata actgagttt ttaaaagagg agaaaaattta 200
tatctgggtt aagtgtttan catatatatg ggtactttgt aatatctaaa 250
aacttagaaa cggaaatgga atcctgctca caaaatcact ttaagatctt 300

ttcgaagctg ttaattttc tttagtgttgt ggacactgca gacttgtcca 350
gtgctccac gcgcgtacg gacac 375

<210> 38
<211> 493
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 28, 64, 159
<223> unknown base

<400> 38
cccaacttgg aggtggagac tatggagntg atcggatggg cccggggcag 50
actttccccct tggngctgtt ctctgtatag tgaataaggc tcaccagatc 100
aggtttaaaa gtgtgtagcc tccccattct ctcttttcct catccagcca 150
tgtaagacnt gcctgcttcc ccctcacctt ctgccagggt tgtaagttt 200
ctgaggcctc ccagccatgc ttccctgtac agcctgtaga accatgagcc 250
aattaaacctt attttcttta taaattatcc agtctcaggc atttctttat 300
agcagtgtga gagtggacta atagagctag ttatttagtag agccaagatt 350
taaattcgag cttgctggct cccgagttct actttctcaa accctatgtt 400
aagctattgt ccacagcatt caacattgtt gaattatctt tgtcaactaa 450
ccttggaaagt cttaaattttt gtcctaattcc tgtcccstat tcc 493

<210> 39
<211> 123
<212> DNA
<213> Homo Sapien

<400> 39
ttttttttt ttttttcttt tgtactgagc tcagcataga ctaatactac 50
cttaatgtta aaatctgaat ttcttttagc attttgctta aaagcaatat 100
gctatttgct tattccgtgc gaa 123

<210> 40
<211> 119
<212> DNA
<213> Homo Sapien

<400> 40
ttttttttt ttttttcttt tgtactgagc tcagcataga ctaatactac 50
cttaatgtta aaatctgaat ttcttttagc attttgctta aaagcaatat 100
gctatttgct tattccgtg 119

<210> 41
<211> 398
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 22, 61, 91, 144, 238-239, 262, 265-266, 271, 274
<223> unknown base

<400> 41
agagcacccgg cagatcccag tncaaagtct ttgacccttg ctgaatctga 50
gcagcacatt ncaagcaacc cttgccttg aagggtggttg ncaccccccc 100
tgggagtgaa tagcaatctt tgtggccacc gttggcatga agtnitatgaa 150
gtgcttggaa gacgatgagg tgcagaagat gaggatggct gtcattgggg 200
gcgcgatatt tcttcttgcg ggtctggcta ttttagtnnc cacagcatgg 250
tatggcaata gnatnnttcg nggnttctat gaccctatga ccccagtcaa 300
tgccaggtac gaatttggtc aggctctatt cactggctgg gctgctgctt 350
ctctctgcct tctgggaggt gccctacttt gctgttcctg tccccgaa 398

<210> 42
<211> 437
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 87, 97
<223> unknown base

<400> 42
aggtagtcct taaaaaaaaag ttcctctct gtacccttct tcacccaatc 50
tacaactagg ttttttggta ggaattttat tattagntac caaacanggt 100
aacatcttta catgccagat tccaaagata ccctagaaga gccagagggt 150
tgcacttcct ctctctcaact ttgcattccc tcctaagaaa tacttgcccc 200
taactcaaag ggcagaagga gtccagggtctt cttcagcat taaaattctc 250
tatagttttc tgggagagggc acatgttctg agtgtgagga gaactgttct 300
ggttattgtt tataaattgtt tttcatcttc tatttcttat aacagattat 350
aaatttatgtt tttctgatgc ttcatactat tatgaggatt tggttggcaa 400
attatcttac aataaccacc catatattca tgcatgg 437

<210> 43
<211> 499
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 24, 81, 93, 150, 340
<223> unknown base

<400> 43
ccaccaagag cctgaaggca gtcnctgtgt tccccttccg acctggcaga 50

gctgcgggag ctctctgagg tccttcgaga ntaccggaag gancaccagg 100
cctacgtgtt cctgctttc tgcggcgctt acctctacaa acagggctt 150
gccatccccg gctccagtt cctgaatgtt ttagctggg cttgtttggg 200
ccatggctgg ggcttctgt gtgctgtgtg ttgacctcg 250
atgctgctac ctgctctcca gtattttgg caaacagttg gtgggtcct 300
actttcctga taaaagtggcc ctgctgcaga gaaagggtgnn ggagaacaga 350
aacagcttgtt ttttttctt attgttttg agactttcc ccatgacacc 400
aaactggttc ttgaacctctt cggcccaat tctgaacatt cccatcgtgc 450
agttcttctt ctcagttctt atcgggttga tcccatataa tttcatcga 499

<210> 44
<211> 494
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 22, 37
<223> unknown base

<400> 44
gggtttcca ggactcccccc cnaccccccgg ccactcnact ggtggaaatg 50
cctctgccccca atagacttgc tgccttaacc ctcgtttagg acttctcatt 100
tactgcagat attggtagcac ataggttagtg ggcggctgcc tgagagagac 150
catttggtagt ttctttctt atctcaaagc tgcttcagtc tttgtgcaca 200
ggggatgctc agaagcgtgc cttcttcag ggagactggc catgcgcctg 250
agtttagatga taacatggag gttcatcaca cgctgtctac ttgagtgtgt 300
ttttggaaatt ctccataata aaaagttaaa aaatacaatt gataggtaag 350
agtaattgaa gtagttcaa attggtagc tataaaatgc aactatgaag 400
aggattgttag gtaattaaaa tactaagatt gtattgagga gaaatatatt 450
attcagaaca atacctgtga catggcatta gtgacaaata tgac 494

<210> 45
<211> 561
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 28, 35, 73, 88, 153, 198, 292
<223> unknown base

<400> 45
ttcagagcca gaagggcctc gagctgcnag ccccntggaa tgaagcaggc 50
ctgggctgag gctggaaggg aanccctctt aagctggnc 100

aaacttacca ccaggggact cgagatgggg aaggaaaggt cagaaagagg 150
agnaggccca ggcacggggt gtggcggcc tgcagagctg gagccagntg 200
ctccgcccag agccaggcat gcacactcag agtaggtggc ctgtgccacc 250
gggaaagagg ggccgggtcg cgtagtgcgtg aagatgccag gnagctgccg 300
gcctgtctg tgctgtctga aagggtgtgt gagaagcact tacaaaaaaga 350
aatggactgt gttaggattt cacatttac tttgtttctc ccaaatacgt 400
tctcttgaa ttttttcct tccagggcca ggactggagt gatggttgag 450
acaggcacgc actgggtctt gtctgcattt acattttagt attttgtca 500
gcatggattt tatggcgttt tttgtttgt ttgtttgttc gttttcaaaa 550
tactgcacccg a 561

<210> 46
<211> 511
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 9, 25, 43-72, 178, 180, 355-356
<223> unknown base

<400> 46
ccagattnng tttctttctt ttttnaaaaa aagaaaaaaaa aannnnnnnn 50
nnnnnnnnnn nnnnnnnnnnn nnatccttgg gtgtgggctg atcaccttga 100
cctcaggctt ttgtgttatt gcccctctg cttttggca ctttgacctc 150
aggtctttgt gtatttgcctt tctctgcnnn cgggcacctt gacctcaggt 200
ctttgtgtgt ttgcacctctc tgcttgggc accttgcacct caggtctttg 250
tgctgttgcc ctctctgtttt tgggcacctt gacctcaggt ctttgccta 300
ttgcaccttc tgcttgggc accttgcacct caggtctttg tgccgttgcc 350
ctctnnngctt tgggcacctt gacctcaggt ctttgcgtt ttgcacctctg 400
tgcttgggc actcttcctc agacctgtgc atcacattcc ctctttcag 450
ctctctgttc aaatgtcacc tccttcctga catctccctt gaccatccta 500
gccaaaatac c 511

<210> 47
<211> 470
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 113, 450
<223> unknown base

<400> 47

cgccctagcc ctctgtgatt tcataatgct ggaagtatgc tttttaaaa 50
agtttaaatt cttgcccaat tttactgttag cgaaaataaa tacatgctag 100
tattctgaga gtnttatgaa actagacata aaacaagtta aaattaatgg 150
ggaaatggct agatgtccat gactgtcaga gtcagtgatc tgtcagtatc 200
ctccagaaat gtcactgata ttaagcaagc tgagttattt ccggcggtga 250
atccatgaag aatgataaat gttttctcat catacttatt cttagaatgt 300
tgtgatactt ttgatatttc agttactcgt cttaaaaagg ggagtgcct 350
tccctgggcc ttgcctaaga gaagaaagaa agactatatt aagacagaaa 400
acatggacat tttaaagaga cgaatacact gctatgtgaa ataccagttt 450
tactcagtaa actccctcga 470

<210> 48
<211> 543
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 46, 65-66, 80, 144
<223> unknown base

<400> 48
gcaggcccaa agaagaagct caggctgaaa tgaaccgtac cgcctnccga 50
gggagaaaaga attcnnggcc aaggaagctn cggcattggg atcccttggc 100
agttgcagcc actgaagtgg agaaggagac ccaggagaag atgnccctcct 150
ccagacatac ttccggcaga acggatgaa gtctggacaa cctcttggct 200
tttgtctgt acattcggcc agaatccctg aaaactaccg catabatgg 250
tagaagagag aagcacctgt gctgtggagt ggcatttttag atgccttcac 300
gaatatgagc ttagcacagc tctagttaca tcttatgata tggcattaaa 350
ttatccat atattatata ataggtcctt ccacttttg gagatgtca 400
aatctagctt tttgtacag acttagaaat tatctaaaga ttcatcttt 450
ttacctcata ttcttagga attaatggt tatatgttgt cttttttcc 500
tatgtctttt ggctcaagca acatgtatcat cagtgttgac cga 543

<210> 49
<211> 485
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 14, 484
<223> unknown base

<400> 49

cggacgcctt ggcnngcggca gcggccagcg ctatgtcggtc tggtaagtgc 50
ctgatgccga gttccgtctc tcgggtcttt tcctggtccc aggcaaagcg 100
gagcggagat cctcaaacgg cctagtgtt ccgcgttccg gagaaaatca 150
gcggtcta at taattcctct ggtttgttga agcagttacc aagaatcttc 200
aacccttcc cacaaggct aattgagttac acgttcctgt tgagtacacg 250
ttcctgttga ttacaaaag gtgcaggtat gagcaggtct gaagactaac 300
attttgtgaa gttgtaaaac agaaaaacctg tttagaaatgt ggtggttca 350
gcaaggccctc agtttccttc ctccagccct tggtaatttgg acatctgctg 400
ctttcatatt ttccatacatt actgcagttaa cactccacca tatagacccg 450
qctttacctt atatcaqtqa cactqqtaca qtanc 485

```
<210> 50  
<211> 525  
<212> DNA  
<213> Homo Sapien
```

<220>
<221> unsure
<222> 255, 319-334
<223> unknown base

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<400> 50
catgggttgt cgcaactgta gtcccaggta cttgagaggc tgaggtggga 50
ggatcatctt aaccccgggg agatggaggc taaaatgagc tgtgttcaca 100
ccactgtacc ccagcctggg caacagaata agacgctgtt tcaaaca 150
atgtgttaact caaaaacagc aaaatgctta gttctttgtt aatgcaacat 200
tttaggctac tgtttatttg ccaatagaac tttttttct ctctctctcc 250
ttatntgtaa acttagctat atatgtttct cactcttggg tctgtgtact 300
tcaaaatctt ttagaaatnn nnnnnnnnnnn nnnnaaaaaaa aaaaatggaa 350
taataaaaaa ttatactaag attcattcat gttttttt gtggctgcag 400
tgcattcatt tccactatat agtatttcat tgtctgatgt accagaattt 450
atccactctc tttttgatgc atgttggat ttgcagtctt ttgcattatg 500
aaaagtgtctg ctgtaaaaat tatta 525
```

```
<210> 51  
<211> 150  
<212> DNA  
<213> Homo Sapien
```

```
<400> 51
ttttttttt ttttttggt ttgttgtgt tgttagtagtc tggtgctggc 50
cacattnaaag tcttaaaaat ttttaaaattt tgtttgttcat gtttgttagac 100
aqccctgttq ttqaaatcat qqctttattc attttattta ttttcqaacc 150
```

<210> 52
<211> 179
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 31, 43, 133, 162
<223> unknown base

<400> 52
tttaatagtt attcgcttcc tgggtatag ncatttaagt tgnttatatg 50
tttctgttat taaccctttg tcccacgtat gatttgcaaa tattttctcc 100
catttttttt cagttgtctc attttgttga ttntatcaga ttccatgaag 150
cagctttta anttcaagaa aaacgaatc 179

<210> 53
<211> 324
<212> DNA
<213> Homo Sapien

<400> 53
cggaagtcccc ttgaggagcg tcagaagcgg ctcccttacg tcccagagcc 50
ctattacccg gaatctggat gggaccgcgc cggagctgt ttggcaaaga 100
tgaacagcag agaattcaa aggacattgc taatatctgt aagacggcag 150
ctacagcagg catcattggc tgggtgtatg gggaaatacc agcttttatt 200
catgctaaac aacaatacat tgagcagagc caggcagaaa tttatcataa 250
ccggttttagt gctgtgcaat ctgcacatcg tgctgccaca cgaggcttca 300
ttcgttcatg gctggcgcccg aacc 324

<210> 54
<211> 391
<212> DNA
<213> Homo Sapien

<400> 54
cccaactcaga tctactgaaa ctgaaaacct gggagcaggg cccagcaatc 50
aagagttttt aacaaaccct cctggtcatt ttgatgcaca cgcaagttt 100
agaacctgtg cccttttagga ggatttcatt ttcctcacta aaagccccct 150
gaaagatgcc tccagggtat gcctctgtgc cctactgccc actgctgctt 200
tcctgtttcc taggaatccc ctttatgaag tacccatcct ccagaaagat 250
ttcttaccta ctttgaaagg atcttggctt ctccacaagg ttactccatc 300
ctctgagcag ttatcccgta ttctactttt gaatggtttc ttttcagatc 350
ttcctcagtg ctttctctttt ctggctaccc ctcaagccccg a 391

<210> 55
<211> 280

<212> DNA
<213> Homo Sapien

<400> 55
atatatatat aaatatagaa atatatatat agaaaatat atatatctct 50
ctccatatcc aaaagcaaga ttacaaattt cagttgaggg taatagcact 100
taaagtagga acagagattc tttatgtgtt agcataattc ttttttatta 150
caattctgtt actaaagaat caggtgtcat taaaggtaa catggttacc 200
ttcacccct gcacagcagt tttcatata cttgaagaca ttaaatcccc 250
ttccccatcc aacttaatct tttccagcga 280

<210> 56
<211> 485
<212> DNA
<213> Homo Sapien

<400> 56
cggacgcgtg ggcggacgcg tgggtggcct tagagtagtt ttttgagcat 50
ttatttgct tggtgttctc tgaacttcct tagatctgtg gtttggtgctc 100
tgacattaat ttggataaaat tttcagtcat tggtgtttt aatatttctt 150
ctcttccttt ctctcctct tggtaacttc atgtgtttt attacacctt 200
ttgtacctgt cccagagttc ttgggttta tttctgttt ttttttggc 250
ctttttttt tcccttggt tttcagttt tattgataca tccttaagct 300
cagagattat tcttttttc agcgggtgtcc actctcctaa tgagcccatc 350
agtggcattc ttcatttctg tcaccatgtt ttgctctctg gcacttcttt 400
tcattttttt cttagaattc ctatctccct gtcgtgtt cccacctgtt 450
cctgcaagct gcctactttc tccatttagag tcctt 485

<210> 57
<211> 260
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 24, 42, 53, 93
<223> unknown base

<400> 57
tggtgtcttt cccaccacag cccngagagt cagtcatttt tncaaagaag 50
ccntgggtgg ctgtgtggag aatgatataat gttatttatta ttntccgcag 100
ccaaacatgac cgctcctctg gtgttcc caccacagcc cgagagtcag 150
tcatttttca aagaagcctg gttggctttg tggagaatga tatatgttat 200
tattttttt tgtttggta tggtgtgtt ttttagacagt ctcgtcttt 250
gcccgccga 260

<210> 58
<211> 344
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 17, 66, 76, 92, 148, 174, 178
<223> unknown base

<400> 58
ggagtaaaaa gactgtaaaa cattttttt taaaaaaatta tttttacatt 50
acgacaatat atttangat gtgttnagat caaaaattaa anttctgtgt 100
cccagatcta ct当地caaatg gagatttca cttgtcagct taaattntg 150
actagaacta acatTTgtgt attnttgngc tttagtcggaa tacaaatttc 200
acagtggatt tttgaagttt gtccttaaat tggataaaat caagtgatta 250
aagttactaa agagataaaa atggttaattt ccattttaa aagtaattt 300
gttgtgttta tagttatTTt tacaagtatt tatacacagcg aacc 344

<210> 59
<211> 495
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 39, 58, 130, 234, 314, 364, 427, 450, 461, 476
<223> unknown base

<400> 59
agcaatgccc tgcccccagt ggaggattaa ttccatgtt ggggacaaca 50
tttgtacngc ccaggccatg tacggggggc tgtggatgtc ctgcgtgtcg 100
cagagcaccg ggcagatcca gtgcaaagtn tttgactcct tgctgaattt 150
gagcagcaca ttgcaagcaa cccgtgcctt gatggtggtt ggcattttcc 200
tgggagtgat agcaatcttt gtggccaccg tggnaatgaa gtgtatgaag 250
tgcttggaaag acgtatgggt gcagaagatg aggtatggctg tcattgggg 300
cgcgatattt cttnntgcag gtctggctat tttagttgcc acagcatgg 350
atggcaatag aatngttcaa gaattttatg accctatgac cccagtcaat 400
gccaggtacg aatTTggtca ggcttnttc actggctggg ctgctgctt 450
tttctgcctt ntgggaggtg ccctantttg ctgttcctgc gaacc 495

<210> 60
<211> 266
<212> DNA
<213> Homo Sapien

<220>
<221> unsure

<222> 37, 56, 116, 190, 210
<223> unknown base

<400> 60
aacattgtcag aggcaagtgt ccagagttt gctatanatt cattatggaa 50
ggtttnacct tattgaaatg acagttcccc accttttagca ttttatattg 100
ttccattaaac tgtcanacaa acattcctgc aaaatatcag ttcaggaacc 150
aaacttactt tccctgagat ggtaaccgtt tcacagcctn tcataattgct 200
gcttcattan gtgatgaagt ctaaacacgt aaatggtgac cagttaaaac 250
acacacctgc cgaacc 266

<210> 61
<211> 421
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 3, 5, 22, 142, 147, 186, 198-200, 205, 260, 296, 306, 314
<223> unknown base

<400> 61
ccnangggtc cggtttttt gnatttttag tagagacggg gtttaccat 50
gcaagcccag ctggccacgt aggtttaaa gcaaggggcg tgaagaaggc 100
acagtgaggt atgtggctgt tctcggtta gttcattcgg cntaaanaga 150
cctggcatta aatttcaaga aggattggc atattttttt cttgaccnnn 200
ctctntaaag ggtaaaatat caatgtttag aatgacaaag atgaattatt 250
acaataaaatn tgatgtacac agagtgaaac atacacacat acaccntaat 300
caaaangttg gggnaaaatg tattttttt tgttcatttc atcctgtctg 350
tgttatgtgg gtggagatgg tttcattct ttcattactg ttttgggtta 400
tcctttgtat ctgaacgaac c 421

<210> 62
<211> 390
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 35, 37, 79, 91, 98, 155, 162, 170
<223> unknown base

<400> 62
agagacgggg tttcaccatg caagcccagc tggcnangta ggtttaaag 50
caagggcgt gaagaaggca cagtgggnna tgtggctgtt ntctgtgnag 100
ttcattcggc ctaaatagac ctggcattaa atttcaagaa ggatttggca 150
ttttntcttc tngacccttn tctttaaagg gtaaaatatt aatgtttaga 200

atgacaaaga tgaattatta caataaattt gatgtacaca gactgaaaca 250
tacacacata caccctaatac aaaacgttgg ggaaaaaatgt atttggttt 300
gttccttca tcctgtctgt gttatgtggg tggagatggt tttcatttt 350
tcattactgt ttgttttat cctttgtatac tgaacgaacc 390

<210> 63
<211> 448
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 25, 61, 77, 80, 93, 147, 175-176, 234
<223> unknown base

<400> 63
tcttagaga tcttgactt gaccnaaggg tccgcaaagg gttcggttt 50
tttgtatTTT nagtagagag gggTTTnacn atgcaagcca agntggaaa 100
gtagTTTTta aagcaagggg cgtaagaagaa gaaacagtga ggaatgnggc 150
tgtttcgtg gtagttcatt cggcnnaaat agacctggca ttaaatttca 200
agaaggattt ggcatttttt tttcttgacc cttncttta aaggtaaaa 250
tattaatgtt tagaatgaca aagatgaatt attacaataa atttgatgta 300
cacagactga aacatacaca catacaccct aatcaaaacg ttggggaaaa 350
atgtatttgg ttgttttcct ttcatcctgt ctgtgttatg tgggtggaga 400
tggTTTcat tcttcatta ctgtttgtt ttatccttgc tatctgaa 448

<210> 64
<211> 245
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 73, 114, 120, 122, 184, 205
<223> unknown base

<400> 64
gtgtgtgtgt gtgtgtgtgt gtgtatgtgt atatatataat acatataata 50
acacatatagt atgtataacct aantcctaaa gtggaacagt aagagtattt 100
atttatagat tatntgattt ntatgtgg aagagaaaaag aatcatatta 150
agtactttgg actgaacaat gaccccaaaa atngtatga tgatgaagct 200
ctctntaaat atttcttgc ttactggac tgattttaac ccgct 245

<210> 65
<211> 381
<212> DNA
<213> Homo Sapien

<220>

<221> unsure
<222> 21, 59, 65, 80, 116, 155, 180, 188, 202, 223, 236, 246, 341, 361
<223> unknown base

<400> 65
agggatccag gttggtagag naatcccgac cggttccca gagatgtta 50
accagcacnt gcttntgaga cttcgaaaa tggccagca accctggttg 100
gggggtcaga cttganacac tttcagggttggagtgggacc caccccaagg 150
cctgntgagg acagagcagc caggccgtcn tggctaantt tgcaattttgc 200
antgggttgg ggaggaagag agntgatgag tggggnttcc ctgagntggg 250
gttccctgc ttgtccagtt gtgagctgtc ctcgggttta ccgaggctgt 300
gcctagagag tggagatccc tggatgaaagg tggatcgct ntctgcgttc 350
tatcttctct ntcctccttg ttcctgcataa c 381

<210> 66
<211> 321
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 28, 36, 144, 146, 161, 170, 205, 210, 213
<223> unknown base

<400> 66
acttaaaaat attgttgagt tctaaacnga ttttngtat atatcataca 50
tagaaaaatataaatttttgc ttctaaaaca accaaaaatg gagcatacat 100
tttagagtggc atttgttgca tattataaa caaatgaaac tganttttt 150
ttcatcctga ngcagattttt atccccatccc aatcttttc ctctctcctt 200
ttctnaaccn acntcagagt atcctgtaac agctgtccct atagtttca 250
aggaaagtga taataatgag attacttctt ctttcatcgt ttatTTTTT 300
gggaggatgg ggaaaccaca c 321

<210> 67
<211> 123
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 53, 75, 100, 110
<223> unknown base

<400> 67
tccccctgaat attcaggagg gagaagcaat cgccccagga cagagacggg 50
ganatccccag gaggcaggta caggnttttag caatatccat cttgcgttan 100
tccctccctn acaacaacca gac 123

<210> 68

<211> 521
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 30, 66, 73, 97, 116, 134, 182, 187, 262, 364, 432, 477, 507
<223> unknown base

<400> 68
aaatgaccta taaaataagtt gggttggan attattat tttagcatt 50
attttaaaa tagatnatgg ttnatattta attggaattc cataatntaa 100
tgtactgata ggtaanttg gtggaaattg ttngcagac ataaattact 150
aaataaaatgt tctgtttca gatagtttag ntggngac attaagtatt 200
gggacagatt gtttgactc caattaatat tctgaaattt ttctccccc 250
attacctacc tntccattat gcctcagttg taacggtgag taaaactatt 300
tttgcgtctc atactttctt tatcttaaa ctttgcgtt cacagtaatt 350
atttcaacc attntttgct aactgcaccc cgctgcatgg ttcccttcctg 400
tgtcccacca accagccgcc acattttacc anatgttccc agtgttcatg 450
ggccctttcc acccttgcgtt caaaatntcc ctattgattt tattttgcgtt 500
ttgttancctt cttcaaacgc c 521

<210> 69
<211> 382
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 30, 155, 170
<223> unknown base

<400> 69
agagacgggg tttcaccatg caagccccagn tggccaagta ggttttaaag 50
caaggggcggt gaagaaggca cagtggatg tggcgtt ctcgtggtag 100
ttcattcgcc ctaaatagac ctggcattaa attcaagaa ggatttggca 150
tttnttttcc ttgacccttn tctttaaagg gtaaaaatatt aatgtttaga 200
atgacaaaga tgaatttta caataaattt gatgtacaca gactgaaaca 250
cacacacata caccctaattc aaaacgttgg ggaaaaatgt atttggttt 300
gttcctttca tcctgtctgt gttatgtgg tggagatggt tttcattctt 350
tcattactgt ttgttttat cctttgtatc tg 382

<210> 70
<211> 405
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 33, 43, 58, 98, 110, 122, 125, 191, 226, 232, 234, 251, 321
<223> unknown base

<400> 70
acaccaatgc agtgaggctg gggattcccc aantggatcc atngcaccag 50
gttcaagnata acccccaagg cagtttttc ttccaaaaca ttaacagnta 100
agtgttgttn tggccaatt tntcntacca agtttaaatt aaccaacatt 150
tttttttaa aaccaaaca caaggaagac taaccacgtg nttccaggaa 200
tggcctgtat ttacccaacc actttntata cntntttcc aaccaaaagt 250
nttaatatgg gaatatccct caccacgatc ctaatactgt cagtagctgt 300
cctgctgtcc acagcagccc ntccgagctg ccgtgagtgt tatcagttt 350
tgcactacag aggggagatg caacaatact ttacttacca tactcatata 400
gaaag 405

<210> 71
<211> 526
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 26, 44, 54, 143, 244, 351, 504
<223> unknown base

<400> 71
gttcaggacc aagcgtaag aaggcntgag gacccaggcc ccantggagc 50
agtntgtcct tatgccaat caaggcggaa catgggtgaa agacgagtaa 100
ggggcaaatac acagaatatt ccacagcgcc ctccagagtt acntggggag 150
gaccgaggcc acacgccact gccccgagg ccagagtgt aagtaaaggat 200
aaccaggact cgctggaga gatggattct gtcctcagca acantccaca 250
gcagaaaagg gttagcaggtt cccctttta tcagcgtaa aaatgcattt 300
acaacccccc atttaaccga aaaacacaga ccgcttaac ctttttattt 350
ntgtccccca ctgcatgaac atttatacaa ttttaaaaat acttcctcat 400
aggatgctt ggcccttcat ctatttaatc atagctacat acctatttt 450
tataagtagc agtacacatt caaagggtt ttccttagctc aatgcttggt 500
gttntagttc aacttttatac ctgcag 526

<210> 72
<211> 366
<212> DNA
<213> Homo Sapien

<220>
<221> unsure

<222> 24, 274, 348
<223> unknown base

<400> 72
tagaaataac cctttcattt atngatttt agtcatcaaa catagtatga 50
tatggaaaaa gtcagccatt taccagaaat tatcttattt tgattttaaa 100
aactcatttc tataatgttgt tattgtaatg tctatTTTT tagacttaaa 150
gatttataga agactatagt tatctgattt gttatTTGGC attttttcat 200
tctgtaaatc tttgctttag gcacattgtg ctctctgtt tccatggttt 250
tattcattta tctcctccta ttTNGAGGGG acaacatggg tagttaaatc 300
tttgcataa gtattggaga taacactaac tgctattatc ataacatntt 350
cattttact gcatgc 366

<210> 73
<211> 634
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 10, 59, 62
<223> unknown base

<400> 73
ggactgaatn cacttgaat ggtgaccact gaaagctgca gagggacagt 50
aggTatttna tnaaatgcct tatatggcat tctatATGAA gaacctctga 100
accCAAAGTA tattatTTAG aaAGAAAGAT aaAGAGATAT aAGCAAAGTA 150
agaatatATC ttAAAAGTAT CTTATAAACC ATTAACttt agtgtaaga 200
taaacccTCT atcagcagga aaatacctgc atatgcatac ataaggaaga 250
ctgtgcacct aatctaggaa tacataataa ggtggactct gtatttagtag 300
taagtatttt tataaaataa tacttagAACC aaatttatata agataattat 350
aaatattaag atctttat tgcattgctt ctgacttaaa aaatgaataa 400
ataaaatgggg tcttgctatg ttacccaggc tggatgcag tggctattta 450
caggcacaat catagtgcac tacagccccca aactcctggg ctcgagcaat 500
cctgttgccttcccccag gtagctggga ctatataaa gcaggcacca 550
ctgtgcctgg ctgcttctga ctaatccaag taagaataat aaatctatga 600
caaaggTTATA cacaatctcc tacccttacc tcag 634

<210> 74
<211> 493
<212> DNA
<213> Homo Sapien

<220>
<221> unsure

<222> 31, 42, 60, 114
<223> unknown base

<400> 74
atggaaccca gttggaaacc actcttcacg nttatttatac cngggaaact 50
tcccccaacn tagccaaggc ttccgggttag ttcctcactcc aaaggtggga 100
actggaccat gggnaacactt ggacacggat ggggaactca cacaccgggc 150
ctgtcttggg gtggcggtag ggcgtagcga tagcatagga gatacaccta 200
atgtaatgac gagttatggg tgcagcacac caaatggcac tgtatacgta 250
tgtaacaaac ctgcacttgt gcacatgtac tctagaactt aaagtataat 300
ataaaaaattt taaaaatttt aaaaaaataa aaaaatcact gggctaaagt 350
aaataagtat ttactgggt ctaagattgt tttcagaga gaaaaacaat 400
agaagtgttag aagcaattcg ataaagaaag gagtctttc aacaaatgtt 450
gctgcaacag tcaaattgtct gtatgcaaaa aaatgaacct cca 493

<210> 75
<211> 255
<212> DNA
<213> Homo Sapien

<400> 75
tggaaaaaaaaa aaaaaaaaaagc cccttttcag tttgtgccac tgtgtatgg 50
ccgtgttagat tgatgcagat tttctgaaat gaaatgttg ttttagacgag 100
atcataccgg taaagcagga atgacaaggc ttgcctttct ggtatgttct 150
aggtgtattt tgacttttac tgttatatta attgccaata taagtaaata 200
tagattatat atgtatacgat tttcacaaag ctttagacctt taccttccag 250
ccacc 255

<210> 76
<211> 627
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 20, 47, 56, 66, 144, 163, 169, 294, 367, 395, 583
<223> unknown base

<400> 76
tttagggttc cttgacttgn accaagggttt cggggaaatt taaaggntta 50
aggaangggga gggaaangttt cttaaatttg gaattaacag taataatttt 100
tggaaattcc aataaaatttg gcaaaagatt gggaaatttt ggangaataa 150
gggaaacaga tantttcng ggtattcagg taaagttaa aaaaggtttt 200
aaaagagagt ttttctaaca ttttggaaag caacatgaaa aatgaaaaca 250
gttttaacag atatacaata tggatgactt atatacaaata gacnttaaaa 300

tatattaaat tcattatagt agttatattt aagtaaaata tgatgaaatt 350
taatagagat tcactcntcc caaaagcacc ttcatggaag attcntcatt 400
aacaggcagt ccttagtat gctgatttat acaaaatgct gaaaagaaga 450
gaaatacccc aagttcttga aaaaaaattt tttgatatga ctactctaac 500
agtaataact ataaatctca cttaaataa tttaaaacaa attaaagtga 550
tatatgagtt aaatgaccaa gcagacttga ttnttaggaat gttaaggaat 600
gttcattatt tgtttgat aatgaag 627

<210> 77
<211> 507
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 58, 60, 98, 107, 116, 240, 276, 432, 500, 502
<223> unknown base

<400> 77
tttgaaaagt ttaaaaggga ggaagtggtt tttatgatt ggccgtttcc 50
ggttgccntn cagagagttc ctgccttcc ctgccttga aggtgacntg 100
tggccnttt gggtgntgat ggacctgtgt tcccacccctg gttcaaaaag 150
caaagaaaag ggagtggat cagaaaatgg aagaagagag taaagaagac 200
agtgctggct tgagagaagc agtggcttca gtaaaaagn tactgccagc 250
gatatggacg ggagacagag aaatgntaga agagggcggt tccccaacaa 300
aggccccacc cacaagcctg gacacctgtg gccctaaatg agaacaggca 350
ttcctgttt tgcacccaaa aagtggttt ttggatgcc acaccccta 400
tcctataccc atataaaccg tgaaccccgag gntccagctc agaccagcag 450
aggaggagac gagacaagca gacaatgcag aacagtgcag cagagagaan 500
tngagag 507

<210> 78
<211> 478
<212> DNA
<213> Homo Sapien

<400> 78
ccacgggtgc cggttcttcgc ccggcggcag ctgtccccga ggcgggagga 50
gccccggggg cgcgagcccc gcatgaatca ttgttagtcaa tcattttcca 100
gttctcagcc gttcagttgt gatcaaggga cacgtggttt ccgaactgcc 150
agctcagaat aggaaaataa cttgggattt tatattggaa gacatggatc 200
ttgctgccaa cgagatcagc atttatgaca aactttcaga gactgttgat 250

tttgtgagac agaccggcca tcagtgtggc atgtcagaga aggcaattga 300
aaaatttatac agacagctgc tggaaaagaa tgaacctcag agacccccc 350
cgcagtatcc tctccttata gttgtgtata aggttctcgc aacccttggga 400
ttaatcttgc tcactgccta ctttgtgatt caacccttca gcccattagc 450
acctgagcca gtgctttgtg gagctcac 478

<210> 79
<211> 637
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 17, 54, 66, 113, 124, 160, 163, 165, 170, 179, 204, 259, 299,
382, 384, 487, 634
<223> unknown base

<400> 79
gtttgtccct ttttcngtt tttttggac aaattcagta taccaagcaa 50
catnaattcc agtttnggtg gattcccgaa gtctttggg atccttgact 100
tgaccaaggc tcngccctt ttcnngttggg acgtttgtaa gtttgggca 150
gtttccgggn ganntnggan tcgggttng ctttctgtgt tccattcgcc 200
cggnngcgggtg gtgcagggtt tcgggcttagt catgggtccc cgtttggag 250
actgcagant aaaccagtca ttacttgttt caagagcgtt ctgctaatnt 300
acacttttat ttctggatc actggcgta tccttcttgc agttggcatt 350
tggggcaagg tgagcctgga gaattacttt tntntttaa atgagaaggc 400
caccaatgtc cccttcgtgc tcattgctac tggtaaccgtc attattctt 450
tgggcacctt tgggtgtttt gctacactgcc gagcttntgc atggatgcta 500
aaactgtatg caatgtttct gactctcggtt ttttgggtcg aactggtcgc 550
tgccatcgta ggatttggttt tcagacatga gattaagaac agctttaaga 600
ataattatga gaaggctttg aagcagtata actntac 637

<210> 80
<211> 294
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 18, 42, 105, 198, 205, 266
<223> unknown base

<400> 80
ggcggtatct ttttgcnag ttgcaattgg gggcaaagggt gnccctggag 50
aataattttt tttttaaaaa tgagaaggcc accaagtccc cttgggtgatc 100
atggntactg gtaccgtcat tatttttttg ggcacctttg gttgtttgc 150

tacctgccga gttttgcat ggatgctaaa actgtatgca atgttcnga 200
ctctngttt tttggcgaa atggcgctg ccatcgtagg atttgtttc 250
agacatgaga ttaagnacag cttaagaat aattatgaga aggc 294

<210> 81
<211> 436
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 53, 58, 78, 148, 162, 253, 281, 336, 399
<223> unknown base

<400> 81
gtatggcaga ggataaggcg ttatgagaag ctgccaagct tcagatgtgc 50
agntggntg aataccgacg ccagcgcnta gcgcacatta ctgcaccc 100
acacttagga aacaacccac gcctcaccgc gggacccgga cccagccntc 150
cagcacccag cncgggttc cgacgtccgc gcgtgacccgc 200
aggaccttgg gacgaggagg tccctccgct ttccggtagg atatatctgc 250
atnttgaag gaagataaaa caaaagcattt ntttggataa gatggatttt 300
tgtcacttc tgtgtgaact aaagtgattc aatgtntctt ttggattgct 350
tctgcacttc aagaacacaa gttgaatcac tcagacctga aaaacagtn 400
gaaaccagta tccatcaata ctgggttat gagcca 436

<210> 82
<211> 670
<212> DNA
<213> Homo Sapien

<400> 82
actgatcaaa ggcaggcgat acttcctgtt gccgggacgc tatataaac 50
gtatgagcg cacgggctgc ggagacgcac cggagcgctc gcccagccgc 100
cgcctcaag cccctgaggt ttccggggac cacaatgaac aagttgtgt 150
gctgcgcgt cgtttctg gacatctcca ttaagtggac caccaggaa 200
acgtttcctc caaagtaccc tcattatgac gaagaaccc tcatcagctg 250
ttgtgtgaca aatgtcctcc tggtaacctac ctaaaacaac actgtacagc 300
aaagtggaaag accgtgtgcg ccccttgccc tgaccactac tacacagaca 350
gctggcacac cagtgcgag tgtctatact gcagccccgt gtgcaaggag 400
ctgcagtagc tcaaggcggaa gtgcaatcgc accccacaacc gcgtgtgcga 450
atgcaaggaa gggcgctacc ttgagataga gttctgcttggaa 500
gctgcctcc tggatttggaa gtggtgcaag ctggaaaccc agagcgaaat 550

acagttgca aaagatgtcc agatgggttc ttctcaaattg agacgtcatc 600
taaaggcaccc tgttagaaaac acacaaattt cagtgtcttt ggtctcctgc 650
taactcagaa aggaaatgca 670

<210> 83
<211> 427
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 21, 131, 150, 225, 352
<223> unknown base

<400> 83
aggcttcat tccccaccta nggagttaat tttttggatt aaaaggaaaa 50
tagaactttt tggtgatggt tggttttatt aaggccccga agaaacattc 100
agattcgatt gaggaccagg aaatggcattt ntaggaaaga gaaggcattn 150
tgcttagatgg cttttaaaaa tatttccgccc agagtcactt gtctcattaa 200
caacagtttt tgtcttagaa gtctntctgt gatttataaa actagcatga 250
ttttgttatg aatgcattgt gctctgggtc tctaataaagc ccaacatgca 300
tttgcatcat gtcggcaata agcaattttt ttgctgtgtt aacaatgtca 350
tnttcattgt tgtgtgcctg tgtttgact gtgacctgtc acatgaggaa 400
gggtgtggaa ttttccactt gtggcaa 427

<210> 84
<211> 371
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 178
<223> unknown base

<400> 84
tctttggagc tgcaggaggg acggatggcg gaaccttcca gtcccccttca 50
gaggcgactg ccactcgccc ggccgtgcct ggactcccta cagtggtccc 100
tactctcggtt actccctcggtt cccctggaa taggactgtg gacctttcc 150
cagtcttacc gatctgtgtc tgtgactnngt ctcctggagc ctgcgtatata 200
aattgctgtc gcgcacaggga ctgctatctt ctccatccga ggacagtttt 250
ctccttctgc ctccaggca gcgttaagggtc ttcaagctgg gtttggtag 300
acaactctgt tatcttcagg agtaattccc cgtttccatc aagagttttc 350
atggattcttta atggaatcag g 371

<210> 85
<211> 324

<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 22, 33, 167
<223> unknown base

<400> 85
caggaacctc tttaagaaaag tntattgtta ctnaaaaacac accactgtct 50
tctggatgct tttctggttg cctttgaagt tcatgcagggt ggaggacgtg 100
gacattgacg aagttcagtg tattctggct aacttgatata acatggaca 150
cgtcaaaggc tacatcncgc atcagcatca gaagctggtg gtcagcaagc 200
agaaccatt tcctccctg tccacggtgt gttgaaagta cacggagccc 250
cgaggacggg tgagcagttg tttctttcca ctgggttgt gctgatgaga 300
ccggtccggc actgcaacaa ggcg 324

<210> 86
<211> 514
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 20, 38, 64, 358
<223> unknown base

<400> 86
caacattctg gaccactaan cctctttgg caacactngt tggacagatc 50
ctgaagatat gggngaccta ttcctagaat gttgctgaag cttttctgga 100
tggtggtgaa tataattctg cacttccct cctcagtgtctt 150
ctgaaagata caaccttgca gtagttggc ttcgtcatgc agaatgtta 200
aaggccttag gctatatgga gcgagctgct gaaagctatg gcaagggtggt 250
tgatctggcc ccactccatt tggatgcaag gatttcactt tctacccttc 300
agcagcagct gggccagcct gagaaagctc tggaagctct ggaaccaatg 350
tatgatcnag atacttttagc acaggatgca aatgctgcac agcaggaact 400
gaagttattg cttcatcggtt ctactctgtt gttttcacaa ggcaaaatgt 450
atggttatgt ggataacctta cttactatgt tagccatgct tttaaaggta 500
gcaatgaatc gags 514

<210> 87
<211> 84
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 23

<223> unknown base

<400> 87
aaatgtatgt atcatcagtt ggntacgtt tggttctatg ctaaactgtg 50
aaaaatcaga tgaattgata aaagagttcc ctgc 84

<210> 88
<211> 588
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 22, 53, 67, 91, 110, 195, 208, 424, 484, 487, 572
<223> unknown base

<400> 88
cggttaacct agtgttttg cnacaaggga aattttttt tcagccaggg 50
ggngggggcc ctgtggnatc ataaaaaggt cctggcatgg ntaacagcca 100
tttggccan tttgccggaa tttgtggttt ataaaacttca gatggaagac 150
cagaaataac aagtgtgcat ttagcagaat tcccttcctg ccagntgatg 200
agacattng gaagcatttt ctgactttaa aatgaacat ttcggttctt 250
gtcctccccc tatttatttt tacatttctc tatgtgcaaa tgagaaaaac 300
actaaggttc agggagcaga ggtatagcct tttcaagctt gttttgcc 350
taatggtagt ctcccttcctg atgtggcgcc cctacaatat tgcattttc 400
ctgtccactt tcaaagaaca ctntccctg agtgaactgca agagcagcta 450
caatttggac aaaagtgttc acatcactaa actnatngcc accacccact 500
gctgcatcaa ccctctcctg tatgcgttcc ttgatggac atttagcaaa 550
tacctctgcc gctgtttcca tntgcgtagt aacacccc 588

<210> 89
<211> 521
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 66, 72
<223> unknown base

<400> 89
caggaatctc gaacactggc tctccctt agttcccgcc ctggagtc 50
gcaagcaggg ggagtntgag gnccctggga cagctctgac tctggctgac 100
acacctgcct ctggcaagg gtgggcata tctgaggcgg acaggcacac 150
atggagaagt cagagtccac gccctctgct ccatcccagt agccaccgac 200
tcaactcagc ccctcgac ttcacacttt ggcagtgggt tctgtccact 250
cagctgggtc agttggctct atcacatctc ccggcctcta gggtggctc 300

aggcccacct ccgtcctctc atagggctgg ccatccaacc atatcactcc 350
tctcacggct tttaaggata aagtttgaag ccttaaggat acgtcacagg 400
tcctcttaggc cctgcttacc tcagcttctg cctagaagtt tatcccccaag 450
aaacagtcaa acctccatgt ttaccctcac acaacctgtg tgtctcaaca 500
ccatacttt gctcatactg g 521

<210> 90
<211> 613
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 43, 120
<223> unknown base

<400> 90
tccggggccc cggggacgct gtccctgaac ttgcggggga gcngcccccg 50
gcgtcccccg cgcccccgcg tccctggcaa ttcccgactt cccaacgggc 100
tccctgctgg cagccccgn agccgcacca tgttccgcct ctggggctg 150
ctggccgggc tctgcggcct cctggcgtca agaccgggtt ttcaaaaattc 200
acttctacag atcgttaattc cagagaaaat ccaaacaata caaatgacag 250
ttcagaaaata gaatatgaac aaatatccta tattattcca atagatgaga 300
aactgtacac tgtgccaccc taaacaaaga tatttttag cagataattt 350
tatgatctat ttgtacaatc caaggatcta tgaatactta ttcttcagat 400
attcagactc aatgctacta tcaaggaaaat attgaaggat atccagattc 450
catggtcaca ctcagcacgt gctctggact aagaggaata ctgcaatttg 500
aaaatgtttc ttatgaaatt gagcctctgg aatctgcagt tgaatttcag 550
catgttcttt acaaattaaa gaatgaagac aatgatattg caattttat 600
tgacagaagc ctg 613

<210> 91
<211> 445
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 24, 45, 68, 107, 113, 118, 405-406, 419
<223> unknown base

<400> 91
ttgagctcga tatcccacag agcntccagc agaacggttc cttntacat 50
cccacgttta cttcaccnaa gagtggcttc ccacccagac ccccgcaaa 100
agccctntac ccnccggntt gccacagtcc acatgtcccc gatgatcaac 150

aataacaagcg cagacgattt cagaaaacca agaaaactgt gacaggagag 200
acagaagcgg acccagaatg atcaagaggg ctgaggacta tgggcctgtg 250
gaggtgatct cccattggca ccccaacatc accatcaaca tcgtggacga 300
ccacacgccc tgggtgaagg gcagtgtgcc ccctccccctg gatcaatatg 350
tgaagttcga cgccgtgagc ggtgactact atcccatcat ctacttcaat 400
gactnnntgga acctgcagnna ggacttagggc cccatcaacg agagc 445

<210> 92
<211> 398
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 43, 63, 74, 113, 138, 148, 158, 178, 208, 252, 259, 262, 302,
317, 346, 369, 371, 379
<223> unknown base

<400> 92
ccctgtgtc ttggggccct ggttttgtgc ctttgccaa aanagcggtta 50
ggtccccctgg acngaaccaa aatnatcttc ccaagtgtct tcaaaaaagat 100
tttctgccaa ggnngccttc cgggtcgtat actacacnta cctgcganga 150
gggatttntc agtttgtggg gggaaantc ggccaccatg gtgtgcgtgg 200
tgccctangc cgccatccag ttcagcgcac acgaggagta caagcgcac 250
cnnggcagnt antatggctt cggtgagaa gccctgcccc cttggccttg 300
cnttttcgccc ggccgcantgg ctggaacgac agcccggttca ctgacntacc 350
ccctggacct ggtcagagng nggatggcng taaccccgaa ggaaatgt 398

<210> 93
<211> 117
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 34, 50, 57, 79, 113
<223> unknown base

<400> 93
aacttaatgc aaagggtgtg agatgttccc cccngctgtta aatgaaggn 50
ctattgntat ttattgagct ttgtgggant ggtggaagca ggcccccatg 100
gaccatgccc ccncct 117

<210> 94
<211> 267
<212> DNA
<213> Homo Sapien

<220>

<221> unsure
<222> 34, 40, 75, 127, 153, 176, 183, 221
<223> unknown base

<400> 94
ggcagccgcg gcatgtctat agcaactttt ttantaccan ccaagtttgt 50
agaacattat ccaatatgtg gactntcaca atcattggga ttggaccgga 100
taagttataa aatttggcct tatttgnntg gaagtgatta taccgaagga 150
atnccaaactg tgggttgtgt aaccgnccat gnnaattcta caatgaattc 200
cctggcattg gcccttggAAC ntctcctaaa attctcagaa tgggtggcatg 250
aagctcaaaa aaatcac 267

<210> 95
<211> 149
<212> DNA
<213> Homo Sapien

<400> 95
gggtttttttt tttttggtct ggccttttc atttagctt atgtttcaa 50
ggttcatctt ttttttatca cgtatcagta ctttatTTT tttgtggcac 100
gtcatatgga tacccccacaa cccgtttatc ttttcattaa ttatggcg 149

<210> 96
<211> 141
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 35
<223> unknown base

<400> 96
ttttttttttt tttttttttt ttttgagacg gagtntcatt ctgtcgctcg 50
ggctggaggc cagtggcgcc atcttggctc actgcaacctt ctgcccgccag 100
gttcaagtga ttctcttgcc tcagcctcca gagtagccgg g 141

<210> 97
<211> 598
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 79, 82, 132, 146, 187, 317, 371, 380, 383, 386, 473, 503, 554
<223> unknown base

<400> 97
gtttttgtta cagtttttgc ccaccatggt tgcatgtata atgatgagct 50
gcagtttttgc gagaagattc aataaaaaant gntggaggat caagaagggt 100
tttgtccccaa catgcaggtt gaaggtgttt tntatgtgaa tggatgtttg 150
gagaaattga tttttgagga attaaggaat gcctgtngag gtgggttgt 200

tggtgttcc tgccagccat gaaacagatt ggcaatgtgg cagccctgcc 250
tggaaattgtt catcgattta ttgggcttcc tggatgtccat tcaggatatg 300
ggtttgctat tgccaanatg gcagccttg atatgaatga ccctgaagca 350
gtatgtatccc caggtggtgt ngggttgan atnaantgtg gtgtccgctt 400
gctaagaacc aattttagatg aaagtgtatgt ccagcctgtg aaggagcaaa 450
ttgccccaaagc tatgtttgac canattcctg ttggggtggg gtcaaaaaggt 500
gtnatcccaa tgaatgccaa agaattggag gaggccttgg agatgggggt 550
ggantggtcc ttaagagaag ggtatgcctg ggctgaagac aaggagcc 598

<210> 98
<211> 518
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 28, 67, 111, 147, 152, 175, 219, 221, 224, 244, 259, 272, 285,
307, 309, 326, 368, 395, 477
<223> unknown base

<400> 98
aattagaaaa ggaaggttta ttttaanat tcttcttcca attggttaa 50
tggtaatta atgaagnggg taagcaaaac caggtgcttgc cggtgagggt 100
tttgcagtgg ntgggaggac cccgggttt cccctgtct tttccangaa 150
tngttcggcc cctttggaat aaaanaccgg cgagccccga gggcccgagag 200
gaggccgaag tgcccgagnt nctncgggg tcccgcccgc gagnttttt 250
tttgccttng catttcctcc tnnggcgttt tgganatgcc aggaataaaaa 300
aggatantna ctgttaccat tttggnttt tgtttccaa gccctggaa 350
tgcacaggca cagtgcanga atggcttgc cctggattgc cagtnaggac 400
agtgtttaga tattgtgaa tgccgaacca tcccccgggc ctgcccggagga 450
gaaatgtatgt gtgttaacca aaatggnggg tatttatgca ttccccggac 500
aaaccctgtg tattgagg 518

<210> 99
<211> 439
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 39, 59, 104, 130, 146, 209, 221, 233, 248, 269, 284, 287, 290,
305, 360, 380, 386
<223> unknown base

<400> 99
ataccaagca ggcctttggc atcatgaacg agctgcggnt cagccagcag 50

ctgtgtgang tcacactgca ggtcaagtac caggatgcac cggccgccc 100
gttnatggcc cacaaggtgg tgctggcctn atccagccct gttttnaagg 150
ccatgttcac caacgggctg cgggagcagg gcatggagggt ggtgtccatt 200
gagggtatnc accccaaggt natggagcgc ctnattgaat ttgcctanac 250
ggcctccatt tccatggng agaagtgtgt cctncangtn atgaacggtg 300
ctgtnatgta ccagattgac agcggtgtcc gtgcctgcag tgaattcctg 350
gtgcagcagn tggaccccag caatgccatn ggcatngcca aatttgctga 400
gcagattggc tgtgtggagt tgcaccagcg tgcccgaaa 439

<210> 100
<211> 395
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 54, 74, 119, 170, 194, 215, 257, 285, 317, 328, 373
<223> unknown base

<400> 100
ttggcatatt ttttcccagc ttaattcaat tccagcattt tcatgcagca 50
cggnaatcct ttgattccac aganacatat ccccgccatg cgccgttttt 100
ggatggcacc accagcagnt ttatccccct gtaccgatcc tcagaggaag 150
agaagagagt gacagttatn aaagccccgc attacccagg gatngggccc 200
gtggatgaat ccggnatccc cacagcaatt agaacgacag ttgaccggcc 250
caaggantgg tacaagacga ttttaagca aattnacatg gtgcacaaggc 300
cggtatgtga cacaganatg tataatanc cttatacata caatgcaggt 350
ttgtacaacc caccctacag tgntcagtca caccctgctg caaaag 395

<210> 101
<211> 326
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 28, 33, 82, 112, 144, 185, 190, 204, 215, 235, 238, 292
<223> unknown base

<400> 101
ccaatcgccc gggcggtgg tgcaggtntc ggntagtcgat ggggtccccg 50
tttcggagac tgcagactaa accagtcatt anttggttca agagcggttt 100
gctaatttac anttttattt tttggatcac tggcggttac cttnntgcag 150
ttggcatttgg gggcaagggtg agcctggaga attantttttn ttttttaat 200
gagnaggcca ccaangtccc ctttgctc attgntantg gtaccgtcat 250

tatTTTTTg ggcacccTTg gttgtttgc tacctgccga gntttgcat 300
ggatgctaaa actgtatgca atgttt 326

<210> 102
<211> 336
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 41, 127, 146, 178, 203, 220, 254, 267, 272, 320
<223> unknown base

<400> 102
tggcctgg tggcagcgag gtggggggcg gcggagggag ntggacccca 50
tggaagtccg cgggtgagtg agaccggcg cccacggtca atcccccaa 100
atttcctggg ccctccccga cggcctncct gccctttgt tttaanttt 150
tataaaatg cttaggatac agattgantt tttttgtaa atgactgttt 200
tantttcct gaagtaggan atatatgcac tttgataaaaa cagaatgaga 250
agtnataatt catgggnatt cntataacaag gtgctgatcc tgtgtttgga 300
gctgagctcc tcacagcagn tttttcagc tatttt 336

<210> 103
<211> 355
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 19, 107, 145, 150, 168, 174, 185, 239, 254, 285, 295
<223> unknown base

<400> 103
tgccgcgttc attttttng ccatttggca cattatagca tttgatgagc 50
tgaagactga ttacaagaat cctatagacc agtgtaatac cctgaatccc 100
cttgtantcc cagagtacct tatccacgct tttttctgt gtcangttt 150
tttgcgcagc agagtggnitt acantgggtt tcaanatgcc cctttggca 200
tatcatattt ggaggtatac gagtagacca gtgatggang ccccaggaat 250
ttangaccct acaaccatta tgaatgcaga tatnttagca tatntcaga 300
aggaaggatg gtgcaaaata gcttttatt ttttagcatt ttttactac 350
ctata 355

<210> 104
<211> 453
<212> DNA
<213> Homo Sapien

<220>
<221> unsure

<222> 43, 76, 166, 187, 203, 209, 251, 291, 326, 338, 341, 388, 398
<223> unknown base

<400> 104
cgggtggaaat ttagttttc caggatgtgg ttgccccatc cgntgtgggg 50
ggaaaggggc ccccagaacc gaccanaccg tggcaagaga cccagaaccc 100
gaggacgaaa aattgttatga gaagaaccca gattcccatg gttatgacaa 150
ggaccccggtt ttggangttt ggaacatgcg aattgtnttc tttctttggc 200
gtntccatna tcctggtcct tggcagcacc tttgtggcct atttgccctga 250
ntacaggatg aaagagtggt cccgcgcga agctgagagg nttgtgaaat 300
accgagaggc caatggcctt cccatnatgg aatccaantg nttgacccc 350
agcaagatcc agctgccaga ggatgagtga ccagttgnia agtggggntc 400
aagaagcacc gccttccca cccctgcct gccatttga cctttttca 450
gag 453

<210> 105
<211> 449
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 23, 39, 72, 75, 123, 153, 164, 191, 227, 233, 251, 254, 314, 341,
353, 356, 365, 379, 434
<223> unknown base

<400> 105
aacttcggtg agggtgccgt tanctgctgt tcctgcagng attatgggga 50
ttttttcgg gggtttgtgc gntangaatt tgaggccgac gcccattgg 100
gttcagagag acgcaacaag aanttgagga catggagaac gaattttact 150
atngctaccc aagnntccag gaagtgcag tgatggttt ngtggcctc 200
ggcttccctca tgactttccct gcagcgntac ggnttttagcg ccgtggcctt 250
naanttcctg ttggcagcct tcggcatcca gtggcgctg ctcatgcagg 300
gctggttcca cttnntacaa gaccgctaca ttgttgtgg ngtggagaac 350
ctnatnaacg ctganttttgc cgtggcctnt gtttgcgtgg cctttggggc 400
agttttgggt aaagtgcagcc ccattcagct gctnatcatg acttttttc 449

<210> 106
<211> 394
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 30, 74, 87, 114, 132, 136, 246, 340, 345, 349, 376
<223> unknown base

```
<400> 106
gggaaacttg ggaggaacat gcaggagtgn atttgttttg gtgggggtt 50
tcctggcctg gttcaggcct gccntgagcc ctgggantgt gggaaaagt 100
atggttcca gatngccgac tgtgcctacc gngacntaga atccgtgccc 150
cctggttccc ggccaatgtg aatacactga gcctgtcagc caaccgggtgc 200
caggcttgcc ggagggtgcc ttcagggagg tgccccctgct gcagtnngctg 250
tggctggcac acaatgagat ccgcacggtg gccggccggag ccctggcctt 300
ttttagccat ttcaagagcc tggacctcg ccacaattt attntgant 350
ttgcctggag cgacctgcac aacctngttg ctgtccattt tqaq 394
```

```
<210> 107
<211> 525
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 10, 23, 41, 71, 95, 158, 166, 196, 361, 367, 414, 499
<223> unknown base
```

```
<210> 108
<211> 498
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 12, 14, 135, 137, 165, 219, 309, 322, 334, 339, 341, 379, 386,
      405, 417, 423, 430, 466, 480
```

<400> 108
GAGCCatGGC aaaaatccgg agataatgtgg catatttttt catggggat 50

acatcctcct gctgatgggg ctgtttcag tgtacactgg cttcattac 100
aacgatgctt ttcaaagtca gtcaacctgt tcggntntgg gtggaacgtg 150
tcggccatgt acagntccag ccaccaccc gcagagcata agaagatgg 200
gctttggaac gacagcgtn gtagacacaa cagcatttg cagctggatc 250
caagcattcc tggagtgttc cgaggccctt atccccttgg cattgatcct 300
atttggaant tggccacaaa tngcctcaact tttntaaant nttcaaaat 350
gaaaatgtcc gtgattttag gaatcattna tatganttt ggagtcat 400
tgggnatatt taaccanttg canttcaggn agaagttcaa catttacctg 450
gtttccatcc cggaaanttc tttcatgctn tgtatTTTg gataccta 498

<210> 109
<211> 573
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 74, 110, 139, 142, 213, 233, 276, 292, 320, 348, 405, 413, 418,
430, 448, 469, 490, 492, 500, 511, 545, 552
<223> unknown base

<400> 109
taaggccttc aggtcccctt ctttacccca gtttttcac agaatggatt 50
cccagcgaga aattgcagag gaantgcggc tttaccaatc caccctttt 100
caggatggtn taaaagattt cctggatgag aaaaaatttna tngattgcac 150
cctaaaagca gggacaaaaag tttccttgc cacagattga ttttgcagc 200
ttgttagtcct tanttccggg agtactttt atntgaaatt gatgaggcga 250
aaaaaaaaagga ggtagtgcata gacaangtgg atcctgctat anttgattta 300
atcatcaaat acctgtactn tgccagtatt gatctcaatg acggaaangt 350
gcaagatatt tttgcattgg ccagccgctt tcagatcccc tcagtgtta 400
ctgtntgcgt ttnttatntt cagaaaagan ttgctcctgg taactgtnta 450
gccatcctaa gattaggant ttttttgac tgcccgagan tngccatttn 500
tgcccggtgaa ntgtgtctg atcgctttgt acagatttg aagnagagg 550
antttatgca actgtttcca cag 573

<210> 110
<211> 530
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 58, 159, 163, 210, 224, 244, 278, 302, 351, 359, 361, 366, 395,
404, 415, 417, 454, 472, 481, 499
<223> unknown base

<400> 110
gcattatttg aatgcagcat ggcagctatt atcacctaa ttgggagtga 50
tcccaggngg ggttcttat attcggtcat gtcgagtatt gatgcttct 100
gactggtaca cgatgctta caacccaagt ccagattacg ttaccacagt 150
acactgtant cangaagcgt ttaccacta tataccattg tatttattta 200
ttacgcattn tgcttggat taangatgct gctccgacct cttnnggtga 250
agaagattgc atgtgggta gggaaatntg atcgattaa aagtatttat 300
gntgcacttt acttttccc aattttaacc gtgcttcagg cagttggtgg 350
nggcctttaaaa naaaangcct tcccatatacat tatatttagt ttatnnttgg 400
ttantctggc tgtgnanatg tctgcttttga aatagagaa ctgctatgat 450
tttntggta gaaagaaaag anttattgtt ntttcagcc actggttant 500
tcatgcctat ggaataattt ccattccag 530

<210> 111
<211> 356
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 24, 42, 87, 99, 101, 286, 303, 329
<223> unknown base

<400> 111
ggtaactgtg agcaggtgg attnacagcc tgcatgaccc tnacggccag 50
ccctgggtg ttccccgtca ctgtacagcc accgcantgt gttcctgana 100
ngtacagcaa cgccacgcgtt tggtacaaga ttttcacaac tgccagagat 150
gccaacacaa aatacgcaca agattacaat cctttctggt gttataaggg 200
ggccattgga aaagtttatac atgcttaaa tcccaagctt acagtgattg 250
ttccagatga tgaccgttca ttaataaatt tgcatntcat gcacaccagt 300
tanttccttt ttgtgtatggt gataacaang ttttgctatg ctgttatcaa 350
ggcag 356

<210> 112
<211> 711
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 24, 46, 73, 91, 128, 134, 145, 151, 192, 205, 216, 218, 239, 356,
386, 409, 415, 448, 471, 496, 506, 562, 568, 599, 671, 675, 684,
698
<223> unknown base

<400> 112

aagggtccgg ttggttcatt taangtata taaattgaaa gggtnctt 50
cagtcattgg aacagttgt atnattggga acacccaacc natgttagta 100
ggatggatg tgttacagtg tgttaanac attntaaatt acagngcatg 150
ngcttatgtc cggtggttat ttgttgagca gtaaatttag gnggaatatt 200
ttttntattt tcctcnangg gataggcaag ctgtgggna gcacaggctt 250
tggagcaagc agatttgatt gtgaccttataaagttca atttccctgt 300
ctgtaatttag atccccactt tattgggttgc ttgttaaggat taaatgaagt 350
aatttntgta aaacataatg actgatacaa agtagnaaat aagtaaattt 400
ttaattttntt ttcanttttgc caccagcata cagacatagt atgttcntt 450
ttgaccaaac agaacagaat nagatgtgta ataatataag agtganttag 500
cagttntagt tatttaccta atagaaatga gtgcataatgt gtgccagaag 550
acatgtatag gnatgttnat agcagcatttgc ttgtgtatag cccaaaaant 600
agaaacaccc acagatttaa caacagtaga atggattaaat aaattgtggt 650
atattcataa aatgcaattt nattnaacaa cagnagcgaa cacagtantg 700
gtacacacacac c 711

<210> 113
<211> 507
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 101, 263, 376, 397, 426
<223> unknown base

<400> 113
gctggaaaata tggatgtcat ctacgagaaa ctgttttaag ccacagacaa 50
ttaaaagacc tttaaatcct ttggcttctg gtcaaggac aagtgaagag 100
nacactttt acagttggct agaaggcttc tgtgtagaaa aaagagcatt 150
ctacagactt atatctggcc tacatgcaag cattaatgtc catttgatgt 200
caagatatact tttacaagag acctggtagt aaaagaaaatg gggacacaaac 250
attacagaat tttaacagcg atttgatgga attttgactg aaggagaagg 300
tccaagaagg cttaagaact tgtatttct ctacttaata gaactaagg 350
ctttatccaa agtgttacca ttctngagc gcccagattt tcaactnttt 400
actggaaata aaattcagga tgaggnaac aaaatgttac ttttgaaat 450
acttcatgaa atcaagtcattt ttccttgca ttttgatgag aattcatttt 500
tttgctg 507

<210> 114

<211> 551
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 32, 58, 61, 85, 149, 169, 204, 255, 261, 300, 317, 324, 326, 329,
354, 397, 535
<223> unknown base

<400> 114
ccttggaaaat tatggtgtgg ccggaaccaa anaactttgc tttattgggg 50
actgggcntt naagtttcca ggggcaccc ttggngccag ccccatgcag 100
gggatttttg gaagtgtgca ggtgcctgta tggttcagta ccagaagtnt 150
tttgtggctt ttgaagttna aggcaaggcc tgggtgccc ggcgggtgcc 200
cgcntgggt tcaagcggac cagttccatg gattccccag gaggtccct 250
gcccntcccc ntgttcaaag gaggggttgg cggtgcaggg gcaaccctn 300
gaaagcgggg tgtttnttt ttntngang cttccgggt gaaaccctt 350
ttgntccata tgccctaaaa ttatttggga aggctgggg agtaggnntt 400
gggtccatgc ctaaattttgt accgttttat tcctcaaggc ctatagcctg 450
tcaatccttg aagcctttt tgcctgtccc tccgatcctt gtccaccgtt 500
tatttattgc ccaatttatt gtttatacgg atgantggga ggcaatgcac 550
c 551

<210> 115
<211> 404
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 22, 51, 65, 87, 97, 117, 158, 180, 201, 203, 237, 291, 300, 309,
348, 381
<223> unknown base

<400> 115
gcagaggtt agcggcagaa anataaaacc cttgaaagtg cttccctgg 50
ntccagccat catcntcatc ctccctgggg tcgtcangtt catggntcc 100
ttcattggtg tgctggngtc cttccgtga caacctgtac ctttcccaa 150
gcattcangt acatccttgg gattgcctn atcatggagc tcattggtg 200
ngnggtggcc ttgaccttcc ggaaccagac cattganttc ctgaacgaca 250
acatttgaag aggaattttag aactactatg atgatttggaa nttcaaaaan 300
atcatggant ttgttcagaa aaagttcaag tgctgtggcg gggagganta 350
ccgagattgg agcaagaatc agtaccacga ntgcagtgcc cctggacccc 400
tggc 404

<210> 116
<211> 274
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 123, 129, 173, 186, 224, 267
<223> unknown base

<400> 116
gtcattccc cgctttat atcctgtaca caatttcat gaaaggattg 50
cagatgttat gggctgatgc caaaaagggt agaagaataa agacaaaatat 100
gtggaagcac aatataaaagt ttnatcaant tccataccgg gagatggagc 150
atttgagaca gttccgccaa gangtcacca agtgtnttt cctaggtatt 200
atttccattc cacctttgc caantacctg gttttttgc taatgtacct 250
gtttcccagg caaatantga tcag 274

<210> 117
<211> 502
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 29, 44, 55, 86, 114, 117, 157, 167, 197, 207, 236, 261, 275, 292,
300, 302, 317, 341, 343, 366, 373, 446, 452, 481, 497
<223> unknown base

<400> 117
gggtgaaatc ccaattttg ggggaaagnt ttccggaggt tcanttaagg 50
gaagnaattt caaatgaaa attcaaagta gtgttngccc agagttgatt 100
gtggtcagca ttnganata gcccagagat acaggataag caaataccca 150
aaccttnaaa ttgttngta aatggatga tgatgaagag agaatanagg 200
gttcagngat cagtgaaagc attggcagat aacatnaggc aacaaaaaag 250
tgaccattt naagaaattc ggganttagc agaaatcacc anttttgatn 300
gnagcaaaag aaatatnatt ggatatttg agcaaaagga ntnggacaac 350
tatagagttt ttgaangagt agngaatatt ttgcattatg actgtgcctt 400
ttttttgca ttggggatg tttcaaaacc ggaaagatat agtggnngaca 450
anataattna caaaccacca gggcattttg ntccggatat ggtgtanttg 500
gg 502

<210> 118
<211> 236
<212> DNA
<213> Homo Sapien

<220>

<221> unsure
<222> 34, 36, 93, 104, 147, 151
<223> unknown base

<400> 118
aaagcccaag ttaccagctg ttcaaaaaac agtngngatt tcagttcac 50
gattgttgac ccggtgattt ccccagtgtc gaacattatg gtnattcaa 100
cagnaacaga cgacatata acattacatt gccttcagt caatggntcg 150
ntgccccatca attacacttt ttttggaaac catgttgcca tatcaccagg 200
tatttccaag tatgacaggg agccccaacc cttgc 236

<210> 119
<211> 204
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 21, 33, 64, 129, 167, 172, 198
<223> unknown base

<400> 119
atatgcagag agactgggtg ntccgagctc cantcaggtg aaagaatttg 50
cggaattgt tgangtgaaa ggagaatttc attacatttt ggatccaaag 100
caagcactga tgaagctcac cctaggtant gcaggcagtt tatttcccc 150
agcattgtac atttgnnttg anttcatatg gagttttta ttcaaaantt 200
cagc 204

<210> 120
<211> 438
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 32, 65, 92, 121, 142, 154, 170, 293, 315, 323
<223> unknown base

<400> 120
gttattgtga actttgtgga gatgggaggt cttggggctg tttccatgg 50
cgagctggat accangtttgc tgtggaaatgtg cccctgtttt gntatgccga 100
tgctgtccta gtggaaacaa ntccactgtta attagattga tntatgcact 150
tttnttgctt gttggagttt gtgttagtttgc tgtaatgttgc ataccaggaa 200
tggaagaaca actgaataag attcctggat tttgtgagaa tgagaaaggt 250
gttgcctt gtaacattttt ggttggctat aaagctgtat atngttgtg 300
ctttggtttgc gctangttct atnttcttct ctctttacta atgatcaaag 350
tgaagagtag cagtgtatcct agagctgcag tgcacaatgg atttgggttt 400
tttaaatttttgc ctgcagcaat tgcaattttt attggggc 438

<210> 121
<211> 229
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 58, 66, 71, 79, 92, 110, 116, 138, 162, 192, 207
<223> unknown base

<400> 121
tggagataag aggttacagc aaattacatg atgacctagg agagttcca 50
tatggatngt ttgaanttgt ngctagtana aaatcttcc tnttttcac 100
tgacatgttn atttantgga ttcacagagg cttcatnat agactggat 150
ataagcgct anataaacct caccatattt ggagattcct antccatttg 200
caagtcntgc tttcacccct attgatggc 229

<210> 122
<211> 273
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 22, 34, 198, 202, 218, 230
<223> unknown base

<400> 122
tgccctggc ctgatggttc anttttttt aaanttttt atcagtacaa 50
attatggat aacatatgaa attttattat gtgtatgtaa tgcatagtga 100
taaagtcaag gtatttacgg tgtccataac ccaaatacaa tacatTTTg 150
taactatagt caccctgctt tttatcaaa cattgaattt attcctnta 200
tnattttat gtgtgtantt tttaacacan ttctcttcat cttcccttct 250
cctcccaatc acccttcccg tcc 273

<210> 123
<211> 376
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 61, 73, 130, 219, 343, 351
<223> unknown base

<400> 123
agaagggggg gtgaaaagtgg ttgccagta atggccagaa accaaccacc 50
agaggccagg ntgaaaagaca agntccgggt gtcctggggc tgacgggcca 100
accatgtggc aggtcccagg ccccccccan tgcccatcc gccttgagc 150
tccacagtgg tccccactaat gggAACCTCC ttttagggaga gtgatactgc 200

accttcaccc gtaggaatna tatttataac aatgtgtaat ggctgttagca 250
aaaagccctt gtttttagat gttaaatggtc aaagaaaacaa gcgccttatt 300
gttttgaata aaatagttca aatgagtcct gtatcattgt atntcctatt 350
ntggattagt gcctttgga cgattg 376

<210> 124
<211> 437
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 32, 53, 55, 69, 85, 124, 151, 175, 196, 225, 247, 253, 262, 266,
275, 313, 316, 331, 334, 347, 349
<223> unknown base

<400> 124
atggaaaatt ttttttaggg gggggtggtt cntgagcgaa ggtggcgga 50
cgngnggggg attttttnt ggccctgttc cttcngagcg ttccgcccgtt 100
gcccgccctgg cccctacgga gtcnttagcc aggatggagg ctgttgtgaa 150
nttgcaccaa gaggtgatga agcangcaga tccccggatc cagggntacc 200
ctttgatggg gtcccccttg ctaangacct ccatttcct gacctangtg 250
tantttgttt tntcanttgg gcctngcatc atggctaattc ggaagccctt 300
ccagctccgt ggnttnatga ttgttacaa ntntcactg gtggcantnt 350
cccttacat tgtttatgag ttccctgatgt cgggctggct gagcacctat 400
acctggcgct gtgaccctgt ggaatattcc aacagcc 437

<210> 125
<211> 441
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 23, 177, 227, 251, 367, 370
<223> unknown base

<400> 125
aagtagggaa gtgtatttcc agntacagat ttgatcccggt tggagtggat 50
atcacttcga aaggaaaaat gagagcaaga tatgtgaatt acatcaaaac 100
atcagaggtt gtcagactgc cctatcctct ccaaattgaaa tcttcagggtc 150
cacttcttac ttttattaaaaa gggatngtg gggctggaca gactttctaa 200
tgaacccaat ggttatgatg atggttttc ctttattgtt attttgctt 250
ntgcctaaag tggtaaacac aagtgtacct gacatgagac gggaaatgga 300
gcagtcaatg aatatgctga attccaacca tgagttgcct gatgtttctg 350
agttcatgac aagactnttn tcttcaaaat catttggcaa attagcagc 400

ggcagcagta aaacaggcaa aagtgggct ggcaaaagga g 441

<210> 126
<211> 397
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 84, 86, 96, 101, 112, 153, 220, 225, 297
<223> unknown base

<400> 126
ctttccccct ggccgtgaga gtgcagagac gaagtgcgag atgagcatta 50
tgttcgcgga catctcctca tcgttttat ctcnngntgc acggtntgtt 100
ngcagagggc anaacctggg tcctggtta caggacagac aagtacaaga 150
gantgaaggc agaagtggaa aaacagagta aaaaattgga aaagaagaag 200
gaaacaataa cagagtcagn tggtrngacaa cagaaaaaga aaatagagag 250
acaagaagag aaactgaaga ataacaacag agatttatca atggtncaa 300
tcaaattccat gtttgttatt ggctttgtt ttactgcct aatggaaatg 350
ttcaattcca tatttcatgg tagagtggtg gcaaagcttc ctttac 397

<210> 127
<211> 179
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 67, 70, 95, 114, 170, 179
<223> unknown base

<400> 127
attttttag tatatccaca gagttgtgca accatcaatt ttagaacatt 50
ttcatcacaa attttngncn tgtaatagtt tcctagagct gtttnttaac 100
gaagtaccac aagntgggtg gcttaagaca acagaaaatgt attcctggcc 150
gggtgcagtg gctcacgccc gtaatccc 179

<210> 128
<211> 561
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 25, 37, 57, 82, 119, 150, 174, 184, 202, 217, 225, 303, 332, 354,
375, 429, 443, 490, 509, 523, 527, 547
<223> unknown base

<400> 128
atttcccttc ctttttcccc gcccngtatt tttttttaac ctttttcccc 50
cctttgnttg ggttagccatg gggggagccg tngggggcaa tcagtcccat 100

tccatttcct tgggtgcctt tgggagccga gccgttccgc gcccgggtgg 150
ggcgggagcc caggagcctg cccngcctgg ggangaagag tgcaattttt 200
cntggcggtg cacgatntga ttttntggag agatgtgaag aagactgggt 250
ttgttttgg caccacgctg atcatgctgc ttccctggc agctttcagt 300
gtnatcagtg tggtttctta ctcatcctg gnttttctct ctgtcaccat 350
cagnnccagg atttacaagt ccgtnatcca agctgtacag aagtcagaag 400
aaggccatcc attcaaagcc tacctggang tagacattaa ttntgtcctc 450
agaagcttcc cataattaca tgaatgctgc catggtgcatttcaacaggg 500
ccctgaaant cattatttgt ctnttntgg tagaagattt ggttgantcc 550
ttgaagctgg c 561

<210> 129
<211> 526
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 57, 59, 68, 174, 185, 332, 343, 366, 369, 375, 388, 405, 465,
492
<223> unknown base

<400> 129
tgccctcaa tccaaatttcc ggattttaga atgccccgtaa aaaatttata 50
atttttaatntt caagaaaat tttaccagg gcaattgtaa aggttttattt 100
aatttttaac ctttggcctt ttttttaag taaggcaattt aatataatg 150
taaaatatac aatattaaca aacntggttt ccagnttgta catttagtaa 200
atatttaata ttaatttacga gttatttggg tttaaatgtt gctgtgcattt 250
tgtaattata ttttattatgt ttcagtttc catggcaattt gccttagttt 300
taaagtttat tataatcctt atgtttgtta tntttttca tanttttata 350
tttacaggag tccagntttt tgctntttta gttcccaattt tgatattttta 400
cctgntggat gaaaattttt ttgcctcagc aagttcagct tccaaagattt 450
ttcatgagtt tgcantccag aatttaatgc atattggacc tntgtatcca 500
catgctttca agacagtaat gggggc 526

<210> 130
<211> 429
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 267, 330
<223> unknown base

<400> 130
aaataaaat ttcatccat tatgcattt gtttgtaaat gtaaattta 50
aaaatatggt taataacatt tcaacctgtt tattacaact taaaaggaat 100
tcagtgaatt tgaaaaattt ttttaacaag atttgtgaac tgaatatcat 150
gaaccatgtt ttgatacccc ttttcacgt tgtgccaacg gaatagggtg 200
tttgatattt tttcatatgt taaggagatg cttcaaaatg tcaattgctt 250
taaacttaaa ttacntca agagaccaag gtacattac ctcattgtgt 300
atataatgtt taatatttgt cagagcatn tccaggtttg cagttttatt 350
tctataaaagt atgggtatta tggtgctcag ttactcaa at ggtactgtat 400
tgaaaaattt tgtaaaaaaa ataacatcg 429

<210> 131
<211> 372
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 126, 261, 347
<223> unknown base

<400> 131
gggggggggtg aaagtggctg ccagtaatgg ccagaaacca accaccagag 50
gccaggctga aagacaagct ccgggtgtcc aggggctgac gggccaacca 100
tgtggcaggt cccaggcccc acccantgcg ccatccgcct ttgagctcca 150
cagtggtccc actaatggga acctccctta gggagagtga tactgcaccc 200
tcacccgttag gactcatatt tataacaatg tgtaatggct gtagcaaaaa 250
gcccttgttt ntagatgtaa atggtcaaag aaacaagcgc tttattgttt 300
tgaataaaat agttcaaatg agtcctgtat cattgttatct cctattntgg 350
attagtgcct tttggacgat tg 372

<210> 132
<211> 252
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 33, 37, 58, 95, 154, 204
<223> unknown base

<400> 132
ggatatcttt ttccatccct ttattttcag tcnatgngtg tctttatagg 50
tgaatgngt ttcttggtgg caacagatca atgggtcttg ttttnacatc 100
tattcagcca gtctatgtct tttgtttgga gagtttagtc gatttatgg 150

caangttatt attgataagt aatgatttct cccagtttt tttctgggtg 200
tttngtggtc ttctcttctt tctttcttc tttctttctt tcccgatccc 250
ag 252

<210> 133
<211> 139
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 57, 118
<223> unknown base

<400> 133
gtatgtacat gtgtatggtg tgtgcgtgt ggtgtgggtg gcgtgtgcgt 50
ggtgtgnntg catgtgtatg tgtgtggcat gtatgtgtac ggtatgtata 100
tgtgtgggtg gtgtgcangt gtgtgtatgt gtgttttg 139

<210> 134
<211> 366
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 127, 187, 366
<223> unknown base

<400> 134
ggggaaaaat atctgttaca aatttataat ttcaagacaa attgaatctt 50
attttataat acttttgaa tttcattaat aaggctaaaa tttgaggaat 100
ataaataatt ttcagcctta agacatntaa gtttggaaat cttgtctatt 150
caacagaata acaagaaaaac ttcaaatgtt atcaactntcc tgaaaagaag 200
atattaataa gcccttttat ttatggttat agttttatatt atagtctcaa 250
aattcctaaa gcaatgctac aaccattgaa tttgccatat tttgtatcag 300
tgctgttaat ttgctgttgc ctcaagaaaa agtgctttt ctccatggat 350
gaggctagac cctcgn 366

<210> 135
<211> 179
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 31, 59, 158
<223> unknown base

<400> 135
agggggttct tgacattttg ttcaaatcct ngtaacaatc tgtcttttagc 50
tttattttnt gagaaactga gcaaacctgt ttccattgcc ttcttagaag 100

ggttcatgta tatagcacta cagaagcata atgaagttc tcagctccca 150
aaattatngt tattatactg ctattatac 179
<210> 136
<211> 483
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 22, 39, 54
<223> unknown base

<400> 136
tattcgcgat tgactcctct tnctaagtgt cgcgccccnt ttagagcagc 50
gatntaagag agccgtcccc gtgtcctcgg gtcccagtga ttgtgaagtg 100
ctgccaattg ccactggaca tacttgaaac aaaataggaa aatggcagca 150
aactcttcag gacaagggtt tcaaaaacaaa aatagagtg caatcttggc 200
agaactggac aaagagaaaa gaaaactact tatgcagaac cagtctcaa 250
caaatcatcc tggagcttagc attgcactct cgagaccctc tcttaataag 300
gacttccggg atcacgctga gcagcagcat attgcagccc aacagaaggc 350
agcttgcag catgctcatg cacattcatc tggatacttc atcactcaag 400
actctgcatt tgggaacctt attcttcctg ttttacctcg ctttgaccca 450
gaatgaagaa aacatTTGCG atggaaaaagt gac 483

<210> 137
<211> 598
<212> DNA
<213> Homo Sapien

<400> 137
cttgagcgag ccagttgccg gattattcta tttccccctcc ctctctcccg 50
ccccgtatct ctttcaccc ttctcccacc ctgcgtcgcg tagccatggc 100
ggagccgtcg gcccgcactc agtcccatcc catctcctcg tcgtccctcg 150
gagccgagcc gtccgcgcgc ggcggcggcg ggagcccaagg agcctgcggc 200
gccctgggga cgaagagctg cagctcctcc tgtgcgggtgc acgatctgat 250
tttctggaga gatgtgaaga agactgggtt tgtctttggc accacgctga 300
tcatgctgct ttccctggca gctttcagtg tcattcagtgt ggtttcttac 350
ctcatcctgg ctcttcctc tgcaccatc agcttcagga tctacaagtc 400
cgtcatccaa gctgtacaga agtcagaaga aggccatcca ttcaaaggct 450
acctggacgt agacattact ctgtcctcag aagcttcca taattacatg 500
aatgctgcca tggtgacat caacagggcc ctgaaactca ttattcgtct 550

ctttctggta gaagatctgg ttgactcctt gaagctggct gtcttcatt 598

<210> 138
<211> 320
<212> DNA
<213> Homo Sapien

<400> 138
ccttagcaga catgcaaaag cttattcttg tgtgacttac tttctttaag 50
ctaataatat aaaaataaaat atgtatctta aaaatctata ataaaacatt 100
agaaattaaa gatatgtgct ttttattttg cagatgaggc catttgcttt 150
tgttagatgtg ttttcagagc taggtacaga ggaatgtttg ctacccttag 200
cggtgaaaaa agaaagagag tcaagaattt tgttggattt tgtttggtg 250
tgcatatatatt tgatatcatc attatatttta taatcttgg acttgtaatc 300
atagcctgtt tattctactg 320

<210> 139
<211> 497
<212> DNA
<213> Homo Sapien

<400> 139
cggaacgcgtg ggctgcttgc cgccctcttt ggatacctaa cattttacga 50
acatgttgag tcagaatttgc ttcataccta ctcttctatc ttgggaactg 100
atatttcttct tctcattgtc cgtctggctg tgttaatggc tgtgaccctg 150
acagtaccag tagttattttt cccaatccgg agttctgtaa ctcacttgg 200
gtgtgcatca aaagatttca gttggtggcg tcatagtctc attacagtgt 250
ctatcttggc atttaccaat ttacttgc tctttgtccc aactattagg 300
gatatactttt gttttattgg tgcatctgca gcttctatgt tgattttat 350
tcttccttct gccttctata tcaagttggt gaagaaagaa cctatgaaat 400
ctgtacaaaaa gattggggct ttgttcttcc tgttaagtgg tgtactgg 450
atgaccggaa gcatggcattt gattgtttt gattgggtac acaatgc 497

<210> 140
<211> 105
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 11
<223> unknown base

<400> 140
acttcaatgt ntacacatgg ccattgaaaa atacagagtt tacagaatta 50
tttcagagaa gtcattaaag aaacaaacat taacacaccc tgcagagtgg 100
gggag 105

<210> 141
<211> 473
<212> DNA
<213> Homo Sapien

<400> 141
tccccgctgc tgacgcttca tcccccacac ctccagcccc agttacctgg 50
agcttctcag aacccacttt gccggtgcta aaacacaaga gggggtgaaa 100
gtggctgccca gtaatggcca gaaaccaacc accagaggcc aggctgaaag 150
acaagctccg ggtgtccagg ggctgacggg ccaaccatgt ggcaggtccc 200
aggccccacc cactgcgcca tccgcctctg agctccacag tggtcccact 250
aatgggaacc tcctcttaggg agagtgatac tgcaccttca cccgttaggac 300
tcatatttat aacaatgtgt aatggctgta gcaaaaagcc cttgtttcta 350
gatgtaaatg gtcaaagaaa caagcgctct attgtttga ataaaaatagt 400
tcaaaatgagt cctgtatcat tgtatctcct attctggatt agtgcctttt 450
ggacagtaga ctgttctgta aaa 473

<210> 142
<211> 578
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 60, 105, 110
<223> unknown base

<400> 142
tccatgtgaa ttttgcttaa tggaatgctt tatttaagca tttaggcaga 50
gttgacacan ttaaaggtaa aaagcccaga ggaattggta gagcagcacc 100
gtgcntgccn tgaggcagtg gagtcagtag cggtgtcccc agggcattga 150
gtgcctggag gtgcttggcc tccagtagct gcctccattc tctttaaaa 200
aaaggggggtg attctgaggc actgaagtgc ctcccaatgt tggaggagtg 250
aagccaccat cgaggccaca ctcagcactc caggatccca gcgtgtcag 300
acactcttga gttgtaaaaa cgttaatttt cagttttaaa taatcagttt 350
atctaagaaa agggatattt aacttttcta ctttgagccaa agccatgaa 400
gggaaaatta attaacttag taaatttggaa gtgcagctct gttagcttgt 450
acatgtgggt tcttatacctg atcctgtgcc taaaagtagg aaggtgttcc 500
caagttcaga taaaataga agcagctggc cgggtgcgggt ggctcacgcc 550
tgtaatccca gcactttggg aggccgag 578

<210> 143
<211> 1000

<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 64
<223> unknown base

<400> 143
caagagtctc gctccagcct ggtgatagag caagactcg tctaaaaaaaa 50
aaaccaggag tganaaaaaat aagagtcatt gaacttcatt tttttaaaaa 100
agaatatcac ttggctgtcc tttcaaataat agcatttccc caatttaggt 150
cctgtttatt gagattttat aatgttaggt aatttttaat cagttttaa 200
ttgataccta attaacctcg agctcttgtc ctccgcctt ttttcacttc 250
tttactcttg cagcattcct tcctagtacc ttctgtatgt acactacgtt 300
gatagccatg actggatggt atatggacag gacttccatt gctgtgctgg 350
gagtagcagc tggggctatc ttaggctggc cattcagtgc agctcttggt 400
ttaccatttgc ctttgcattt gctggcatg aaacacaggt ggaagagttt 450
ctttcattgg tcgctgatgg ccctcataact atttctgggt cctgtgggg 500
tcattgacag ctactattat gggaaagttt gtgattgcac cactcaacat 550
tgttttgtat aatgtcttta ctcctcatgg acctgatctt tatggtagcc 600
aacccctggta tttctattta attaatggat ttctcaattt caatgttagcc 650
tttgctttgg ctctcctagt cctaccactg acttctctta tggaaataacct 700
gctgcagaga tttcatgttc agaatttagg ccacccgtat tggcttaccc 750
tggctccaat gtatattttgg tttataattt tcttcatcca gcctcacaaa 800
gatgagagat ttctttccc tgtgtatcca cttatatgtc tctgtggcgc 850
tgtggctctc tctgcacttc agaaatgtta ccactttgtg tttcaacgat 900
atcgccctgga gcactataact gtgacatcga attggctggc attaggaact 950
gtcttcctgt ttgggctctt gtcatttct cgctctgtgg cactgttcag 1000

<210> 144
<211> 612
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 49, 66, 73, 81, 91, 217, 318, 447
<223> unknown base

<400> 144
aattggtagt ccctgttctt ttcatggttt tctggctcgt cttatattgt 50
cttcagattt actccntatt tcnagtagttt ngagatcagc ntgcataacg 100

tgagagggtt ctttcctt ttctgacaag tattgcggaa tgttgcagca 150
actccttaact ctctttggg tttggtcttc acgggttctt ttgtgcctt 200
gggtgttctc aacactntgc aagtttact tgcagggtta tcgagcttc 250
atgaatgatc ctgccatgaa tcggggcatg acagaaggag taacgctgtt 300
aatcctggca gtgcagantg ggctgataga actgcaggtt gttcatcg 350
cattcttgct cagtattatc ctttcatttgc tcgtagcttc tattcacag 400
tctatgttag aaattgcaga tcctattgtt ttggcactgg gagcatntag 450
agacaagagc ttgtggaaac acttcgtgc tgtaagccctt tgtttatttt 500
tattggtatt ccctgcttat atggcttata tgatttgcac gttttccac 550
atggatttt ggcttcttat cattatttcc agcagcattc ttacctctct 600
tcaggttctg gg 612

<210> 145
<211> 439
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 116, 156, 247, 252, 277, 279, 292, 301, 314, 338, 356
<223> unknown base

<400> 145
aaaaaaaaaaa accaaaaacca aaaaccagaa cgcttgcata agttgtcct 50
gtcctgtcca tggataggcc agacctttgg tccagaaatt cagttttca 100
ttgtgtctga catagngact ccataatgtt gttccatttca tctttcttc 150
ctcaanatca tgtgtttgt gggctttgt tttgtttgt tttgtttgt 200
tttgtttgt ttttggtaga gttggagtct tgctgtgttgc cccaaagntga 250
tnccaatttcc ctgaccaa acaggtntnt cacattggcc tnccaaagtgc 300
ntggaaatttcc aggnngtgaac cacctcaccc agccaaagntc acattttgaa 350
tctaantttt ttttggaaac agtgtcttgc attgttgcac aggctggaaat 400
gcagtggtgc catcatggct cactgcagcc tcaacttcc 439

<210> 146
<211> 479
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 142
<223> unknown base

<400> 146
ggcagtctcc tagctgctct tacacactgc atagctgtgt gtgagtgactc 50

ttttcatcca tcagtcagcc agggtttgca ggacagatcc ggcaagtgg 100
gccctgtatg aggaatgctg caacggatct ggactgaacc cntcaaaaat 150
aaagtgattg ctcagtcctc tttggatttc tgcgcgacat atgaaaccat 200
accatggcat ggctggaacc caacccggta ccaaaaataa aggaaatgac 250
cctgcaggac ctgcagcccc aaaacgatgc ggcttcctcg gacgacacag 300
gccccggaca ttatgctgaa gaagacaact caggaagctg agcaaattcct 350
gctccagaca caaacaccat tcactccaga taatctgttc cttgctatgc 400
cctccgttgtt acattgcaac actcacaggg tattggttt tcttattctc 450
tcactctgcc tgcaactcgt acctgctac 479

<210> 147
<211> 276
<212> DNA
<213> Homo Sapien

<400> 147
ttttttttt gtgttgtcta taggaattaa cttgggattt ttttgtgggt 50
ttttgtttgt tttaaatgtt aattgagaat cttttataag aaataaaaagg 100
attattgggt gcctttgttt gttaacccaaa aagtaataaa tgaatcccta 150
tatattccatt atagtattta ttgttattttt atgttctgaa aattaccat 200
ggaacaatat gcttaggatt acaggaagca gtccttactt acacttcttg 250
tctgttttag gtgtacttgtt taattc 276

<210> 148
<211> 451
<212> DNA
<213> Homo Sapien

<400> 148
gttgtatact aatcaaccat tctgcaacct gctttctga tttaatctag 50
aacaacctca ttcttgttta tagtacacct cacaccacta tattggcttg 100
gtataataac ttccaactg gctttgtct cagccatggg cagttcttt 150
tctgaccatc catctggcct caggtcccc tggagtctt ctttctccag 200
cagtccttct ctgtctttgt atatctccag gcttagcaa tacgctcact 250
ctattttct tttttttagt tcactttta aattaaagta ttgtaaaact 300
ggcttttgg tgcacagttt tgagaatttc agtacatgaa cacatttg 350
ttcccaccac cacaatcaag acagagggcc gttttattgt ccccaaagct 400
ccacatgcta tccttcagg tctacttcct ttttactgtt tttgtaatca 450
c 451

<210> 149
<211> 268

<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 167, 213
<223> unknown base

<400> 149
agaataattt tttaaacaca aattcaccat gtttctctac taacttgaa 50
tgcttaatgt gttcccatgg tacctagaat aaatccaaac ttactttcca 100
gggtctgctc tccaaagctgt acatgacctg gcccatagcc acctttctaa 150
actcgtcaca tccatntcc tcattgctca tggtgctgtg gacagtctgg 200
ttcctttctg ttnttctcca ctaccaagct cattcacact gccccctttc 250
caaggccctt ccctacac 268

<210> 150
<211> 749
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 72, 99, 114, 127, 132, 222, 373
<223> unknown base

<400> 150
gttaggttagg gtccttaaag gaacttactt tggatttatt ggcaaaatta 50
ttgtggcac cttacccatt gngaaattat ttttagaggc ttgtaaaant 100
ttaaagtttta gatnttattt gccttgntaa ntatttaac tttatggaaa 150
gtatttactg cttctgatca ggatttttg tttgctgtca aagtaaaagt 200
cactaccagt gtcactattt gntatggaag ccacaaacct tgttagtcatt 250
tcttaattat tttctttctt ttattttcc attcccacat tcccttctca 300
tcccccttta attcatttagc aagtatgctg ccagttctgc ttagtccgtc 350
tctctccctc cactggtaaa ccntagccca aaccatcttc atctcttata 400
tgtactaacg caagagcccc ttaactggta tccctccttc catttcttga 450
tctactaaaa tccatacgcc acatagtggc tagaataatt ttttaaacac 500
aaattcacca tgtttctcta ctaacttggaa atgcttaatg tgttcccatt 550
gtacctagaa taaatccaaa cttactttcc agggtctgt ctccaaagctg 600
tacatgacct ggccccatagc caccttctta aactcgacac atccattctc 650
ctcattgctc atggtgctgt ggacagtctg gttcctttct gttcttctcc 700
actaccaagc tcattcacac tgccccctt ccaaggccct tccctacac 749

<210> 151
<211> 105

<212> DNA
<213> Homo Sapien

<400> 151
ttttgtcatt ttgaaatttt ttttttttc accagccctg aattttagtt 50
catccatgga taaactatta cttttcttat ttttcttaa ctatacaatt 100
aagac 105

<210> 152
<211> 631
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 17, 77, 95, 135, 166, 178
<223> unknown base

<400> 152
tccttgaaac atttttntag ggatatttcc atttgacttt attgattaa 50
tgaaattggg aaacctggac gtatatntaa actatacttt ttgantatga 100
gcataaacctt ttatccctg tattttagaa aaagngacca tgttgtgatg 150
gcaatcattg tgcttntgca tacccagntg aatgtctgtg gaaactcagt 200
tattctttta aatagttatt atcagagata taattattta caaagtagtt 250
tttttgtttaggtaact attatagatt ttgctgttct cccactgtt 300
ttcttggtgt atatttgaa aatataaacc ttaaatgtta gaacaaagaa 350
aacaaaagca aaacccgaaa acctaactg tgcttgtaaa cattaaaaat 400
atttttgtta gtttctctca attgagtaag agaacctggc tttcccacag 450
caatgatcca ggctttggta atacccccct ttatgtctct gtacttctgc 500
cattctaaag ttgattttatt gtttgttaact ttagtgatt ttaagtgctc 550
aatgaagttc ctggcttcc tcattggctt tcatttccaa ctaaattacc 600
tagcctttct ttaatgtct tccaccctta c 631

<210> 153
<211> 522
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 44, 57, 65, 173, 183
<223> unknown base

<400> 153
tatattaaagc aatcttagtg gtatacccg ccccttgcc ttanttaaga 50
ggagcantga aatgnatata cttgctgttc agtatttcca agtacccatt 100
tttatataagt agcttatttg accataagtc acacatcaa aaaagattac 150

cccttagtgt atgtgtttt atnttagaaa atntggcata tgtactttat 200
tttgaaaaag ggaagagatg ggtgtgggt ggcaatagca ttgtgccatt 250
ttgtcataga atgtaaaaat tggtaactt tacaaatgtc agctagttt 300
gactactaat tggggaaaat ttagataat tttaaattc aaagttattt 350
ataaaatgct agaatttggtt ttaattttt tgtattttga gccacttcac 400
atgaagactc agttgcattt ttatcgaata catttttac aacagttaaa 450
gactatggtg gttttttca gagttggct aagaatgtg ttaccatctt 500
ctttgtttgt ggtacaatat tt 522

<210> 154
<211> 632
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 36, 65, 94, 147, 152-153, 156, 179, 222
<223> unknown base

<400> 154
aatctattta aactttatgg aaagtattta actggnttct ggatcaggat 50
ttttttgtt tgctntcaaa gtaaaagtca cttaccagtg tcantattt 100
gttatggaag ccaacaaacc ttgttagtcat ttcttaatta ttttcnttc 150
tnntantttt ccattcccac attccctnt catcccctt taattcatta 200
gcaagtatgc tgccagttot gnttagtccg tctctctccc tccactggta 250
aacccctagcc caaaccatot tcattttctt atctgtacta acgcaagagc 300
cccttaactg gtatccctcc ttccatttct tgatctacta aaatccatac 350
gccacatagt ggctagaata atttttaaa cacaaattca ccatgtttct 400
ctactaactt ggaatgctta atgtgttccc attgtaccta gaataaatcc 450
aaacttactt tccagggtot gctctccaag ctgtacatga cctggccat 500
agccaccttt ctaaactcgat cacatccatt ctcctcatgt ctcatggtgc 550
tgtggacagt ctggttcctt tctgttcttc tccactacca agtcattca 600
cactgcccct tttccaaggc cttccctac ac 632

<210> 155
<211> 558
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 27, 61, 91, 96, 108, 120, 157, 393, 478
<223> unknown base

<400> 155

tttttatca tttgaactt tatgganaaa ttgggcagcc aaaacgcttc 50
ccgggaaagg ngccagcgaa gaatgcattc taacgttagt naaggntgcc 100
aaggaggntg tgcaacatgn tcagattaca atggatgtt gtcatgttaag 150
cccagantat ttttgttcc tggaaagaat tggcatgaag cagattggag 200
tatgtctctc ttcatgtcca agtggatatt atggaaactcg atatccagat 250
ataaataagt gtacaaaatg caaagctgac tgtgataacct gttcaacaa 300
aaatttctgc aaaaaatgta aaagtggatt ttacttacac cttggaaagt 350
gccttgacaa ttgcccagaa gggttggaag ccaacaacca tantatggag 400
tgtgtcagta ttgtgcactg tgaggtcagt gaatggaatc cttggagtcc 450
atgcacgaag aaggaaaaaa catgtggntt caaaagaggg actgaaacac 500
gggtccgaga aataatacag catccttcag caaaggtaa cctatgtccc 550
ccaacaaa 558

<210> 156
<211> 695
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 4, 6, 29, 42, 55, 57, 70, 92, 115, 118-119, 585
<223> unknown base

<400> 156
atcnangtgg atgcagtctt cattgacana agtaacctgg anatcactcc 50
ggacnanccc cgctggatcn gagcctggtg gggtggtt cngctctgctg 100
gtgcattaca cttnctcnnt tcccttcttga tgtttgggtt tccacagtcc 150
ctgccccccgc actcagaccc cgccatggaa agcgagcagg ccatgctctc 200
cgaaagagaa tacgagagac ccaagcccag caacggggtc ctgaggcacc 250
ccctggagcc agacagcagt gcctcctgtt tccagcagct gagagtgtac 300
ccgaaggta ccaagcacct gctctcaaacc cctgtgttca cctgcacatcat 350
cctggccgcc tgcattggaga ttgcagtgggt ggctggcttc gctgcctttt 400
tggggaaagta cctggagcag cagtttaacc tcaccaccc ttctgccaac 450
cagctgtttg gatatgactgc gatcccggt gcttgtctgg gtatcttcct 500
gggaggtctt ttggtaaga agctcagccct gtctgcctg gggggccattc 550
ggatggccat gtcgtcaac ctgggtgtcca ctgcntgcta cgtctcccttc 600
ctcttcctgg gtcgtcgacac tggccctgtg gctgggtta ctgttcccta 650
tggaaacagc acagcacctg gtcagccct ggacccctac tcgcc 695

<210> 157

<211> 574
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 53, 66, 73, 85, 90, 124, 216, 429, 444, 474
<223> unknown base

<400> 157
tggaaagcca ttaaaggaat ttaaagttat tttacctgca gacctgaaaa 50
atntatagaa ctgttnacat atntttgtat atctnttcan taggtgaact 100
tttcatgggc taaacagtac atnngagtga aattctgaag aaacatttta 150
aggaaaaaca gtggaaaagt atattaatct ggaatcagt aagaaaccaa 200
gaccaacacc tcttancat tattccttta catgcagaat agaggcattt 250
atgcaaattt aactgcaggt tttcagcat atacacaatg tcttgcaaa 300
cagaaaaaca tggtgggaa atattcctca gtggagagtc gttctcatgc 350
tgacggggag aacgaaagtg acaggggttt cctcataagt tttgtatgaa 400
atatctctac aaacctcaat tagttatant gtacactttc atntcatca 450
acactgagac tatcctgtct cacntacaaa tgtggaaact ttacattgtt 500
cgattttca gcagactttg ttttattaaa ttcttattag tgttaagaat 550
gctaaattta tgttcaatt ttat 574

<210> 158
<211> 779
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 19, 58
<223> unknown base

<400> 158
ctaattttat caaaggccnt ttttccaaaa gccatccatc atcccattat 50
taatctgnac tggtgcaaca tggctattgt ctgaaatttt atgagttact 100
atcctggat ttccctttat ctttctgtat tagaccttct gtttcttgaa 150
acctatgtca tccatcttga tgtactccct tattttgata gtgtatatcc 200
tttagtggct tcctaagaaa aagtgcatac atagtaaaat tttgagacct 250
tgcatagctg atagtttat tctaatttca ctcttggttg attagttaa 300
cagggtagaa aatttcaggt tgaataccag ttttcttcaag tatttgaagg 350
tgttatttta ttgatttca actttcaaca ttgctgttga aatctgaagt 400
tattctgatt ctgatcttt gtatataagt ctttatgacc tctaaaagtt 450
ttcagaatttca tgtttgcatttca tggaattctg aaagttgatg atgtaccata 500

gtggaatact tttacattta ttgtactggg tattccaaag gccctttta 550
tccaaaaact catgtctttt agtgctggaa attttcttt tgttatccc 600
atattttct tccccctttt tctctttcg ctttctggaa tgcctgtgg 650
tcaaatgtca gatTTCTGA CTCATTCTAT ACAATTAGAA AGCACACCCA 700
agtttcactg tggAACTACT CCAGTGAGCC CTTCAGTGTG GTCATCTCG 750
ggcagagata ctatagattt actgctaag 779

<210> 159
<211> 358
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 39, 60, 91
<223> unknown base

<400> 159
tcaggatgtt cttaattggg gaagaaatca tttttccnt aaaaaaacc 50
aagcacttcn tggggccgga ttacactgaa acattgtact naccagagg 100
agagggaaatt accacgaaac ctgagaacat ggaacactgt tactataaag 150
gaaacatcct aaatgaaaag aattctgtg ccagcatcag tacttgtgac 200
gggttgagag gatacttcac acatcatcac caaagatacc agataaaaacc 250
tctgaaaagc acagacgaga aagaacatgc cgtcttaca tctaaccagg 300
aggaacaaga cccagctaac cacacatgtg gtgtgaagag cactgacggg 350
aaacaagg 358

<210> 160
<211> 362
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 22, 55
<223> unknown base

<400> 160
atgctgcgtg ggatctccca gntacctgca gtggccacca tgtctgggt 50
cctgntgcct gtactttggc tcattgttca aactcaagca atagccataa 100
agcaaacacc tgaattaacg ctccatgaaa tagttgtcc taaaaaactt 150
cacattttac acaaaagaga gatcaagaac aaccagacag aaaagcatgg 200
caaagaggaa aggtatgaac ctgaagttca atatcagatg atctaaatg 250
gagaagaaat cattctctcc ctacaaaaaa ccaagcacct cctggggcca 300
gactacactg aaacattgtt ctcacccaga ggagaggaaa ttaccacgaa 350

acctgagaac at 362

<210> 161
<211> 479
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 160
<223> unknown base

<400> 161
gtttgggcta acaggatctc ctcttcagt ctgcagccca ggacgctgat 50
tccagcagcg ccttaccgcg cagccccgaag attcactatg gtgaaaatcg 100
ccttcaatac ccctaccgcg gtgaaaaagg aggaggcgcg gcaagacgtg 150
gaggccctcn tgagccgcac ggtcagaact cagatactga ccggcaagga 200
gctccgagtt gccacccagg aaaaaaaaggg ctccctctggg agatgtatgc 250
ttactcttta aggcctttca ttcatcttgg caggacttat tgttggtgga 300
gcctgcattt acaagtactt catgcccaag agcaccattt accgtggaga 350
gatgtgcttt tttgattctg aggtacctgc aaattccctt cgtggaggag 400
agcctaactt cctgcctgtg actgaggagg ctgacattcg tgaggatgac 450
aacattgcaa tcattgatgc gcctgtccc 479

<210> 162
<211> 307
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 65, 204
<223> unknown base

<400> 162
tgtcacaggt gggaaagaaa cggactgtgg gcccctctttt ggatttagcgg 50
cgggcataacc attgntggtg gccacagccc tgctggtggc tttactattt 100
actttgattc accgaagaag aagcagcatt gaggccatgg aggaaaagtga 150
cagaccatgt gaaatttcag aaatttgcata caatcccaag atatctgaga 200
atctttaggag atcaccacaca catgagaaga atacgatggg agcacaagag 250
gccccacatat atgtgaagac tgtacccatgg agcgaggaac ctgtgcata 300
ccgttac 307

<210> 163
<211> 502
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 188
<223> unknown base

<400> 163
tgtgtgtgtg tgtgtgtgtg tgtgtgtgtg tataggcttt 50
aaaatgtata tgtcttgcca tactgaaccc atgttgaagc catatttcca 100
caggtaata gctggcagaa ctgagttaaag gttgcccct ttttagatgag 150
gcatacgctc tcccatcctc cacagttcac actatgcntg cttatctt 200
actgatatta gatatttagta atagtcacat ttatgcattg tctttattta 250
aaaaaaatagt tctctttttt atgacagtag caatagttag aatatgaaag 300
agagaagagg atttacctt gcctactca attccttgcattt atcatctgcc 350
tggtaatgag gtgttggagc tggctaatac tgacttatga gagcatattg 400
ttaaatattc aggaattttt ccagcagcaa ccaccattgg tagattggaa 450
tcagccacag tgggagtatt tacaccaggg aaatcaacga acattacaaa 500
tc 502

<210> 164
<211> 238
<212> DNA
<213> Homo Sapien

<400> 164
tttcaaaaaaa aaaaaaagtgc ttctagtaaa taacacataa cttttgtttt 50
ataacccaaat gttacagtcc ctctttataa ggagaacccaa atccattcag 100
tttatcagtg atatgcctgt ttttgtgtt tccatcgac tttgtttcct 150
tttttcgatt ttgttattgtt ttccacattt tcaattttct tacatttggtt 200
ggctctctca agcttctgtt tattccattt ctccctcc 238

<210> 165
<211> 702
<212> DNA
<213> Homo Sapien

<400> 165
cccgctgctc gggcactgtc tatatacgcc taacacccatc atatattttt 50
aaaacattaa atataattaa caatcaaaag aaagaggaga aaggaaggga 100
agcattactg ggttactatg cacttgcac tgatttcttgc ttttttatac 150
attttgaact ttatgaaata catcgccagc caaaacgcct cccggggaaag 200
gccccccacgcga agaatgcac ctaacgttag tcaaggctgc caaggaggct 250
gtgcaacatg ctcagattac aatggatgtt tgcgtatgtaa gcccagacta 300
ttttttgctc tggaaagaat tggcatgaag cagattggag tatgtctctc 350

ttcatgtcca agtggatatt atggaactcg atatccagat ataaataagt 400
gtacaaaatg caaagctgac tgtgataacct gtttcaacaa aaatttctgc 450
acaaaatgta aaagtggatt ttacttacac cttggaaagt gccttgacaa 500
ttgcccagaa gggttggaaag ccaacaacca tactatggag tgtgtcagta 550
ttgtgcactg tgaggtcagt gaatggaatc cttggagtcc atgcacgaag 600
aaggaaaaaa catgtggctt caaaagaggg actgaaaacac gggtccgaga 650
aataatacag catccttcag caaaggtaa cctgtgtccc ccaacaaatg 700

ag 702

<210> 166
<211> 365
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 28, 34, 93, 126, 145, 151, 161, 195
<223> unknown base

<400> 166
ggattacaac ccccgggagc gcgcctnta tacntggaac aacggccacc 50
aggtgctata caatgtcacc ctgttcacg tcatcagcac ctntggggc 100
ccttttcatt cgtgcctgtg tccccncaag ggtgatctct atgtntatgt 150
nacgccctt ntccccgcct ttttgctggg cttttgttct ctgcntatgt 200
atttctgtct atttttcaa tttccctct ttcctttat tgatctctgc 250
tttaataaca ccacttctt ctttctgcct ttttatggat gtcttttct 300
ttttatggct ctggttctcc agtttttcc gtctctgctt ctctctgtct 350
ctctctctct gtct 365

<210> 167
<211> 452
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 26
<223> unknown base

<400> 167
tcagcaaaac gtggatcaa atctcnnnac acaagcttga gagcaacaca 50
atttatcagg aaagaaagaa agaaaaaaaaac cgaacctgac aaaaaagaag 100
aaaaagaaga agaaaaaaaaa tcatgaaaac catccagcca aaaatgcaca 150
attctatctc ttggcaatc ttcacggggc tggctgctct gtgtctttc 200
caaggagtgc ccgtgcgcag cggagatgcc accttccccca aagctatgga 250

caacgtgacg gtccggcagg gggagagcgc caccctcagg tgcactattg 300
acaaccgggt cacccgggtg gcctggctaa accgcagcac catcctctat 350
gctggaaatg acaagtggtg cctggatcct cgcggttcc ttctgagcaa 400
cacccaaacg cagtacagca tcgagatcca gaacgtggat gtgtatgacg 450
ag 452

<210> 168
<211> 443
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 24, 110-111, 122, 134, 275
<223> unknown base

<400> 168
ggagtggctt cccctactgc gtgnnttgac gcccatcccc gtgctcacgt 50
ggttttccc ccatcatcg ccacatgggc atctgcacat ccacaggagt 100
cattcgggan ntgcgggcc cntactttgt ctngaggac aacatggcct 150
ttggaaagcc tgccaagttac tggaagttgg accctgctca ggtctatgct 200
agcgggcccc acgcatggga cacggctgtg cacgacgcct ctgaggagta 250
caagcaccgc atgcacaatc tctgntgtga caactgccac tcgcacgtgg 300
cattggccct gaatctgatg cgctacaaca acagcaccaa ctggaatatg 350
gtgacgctct gcttcttctg cctgctctac ggaaagtacg tcagcgttgg 400
ggccttcgtg aagacctggc tgcccttcat cttctcctg ggc 443

<210> 169
<211> 319
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 54, 163, 203
<223> unknown base

<400> 169
tgggagatgt atgcttactc tccttagct ttcattcatc ttggcaggac 50
ttantgttgg tggagcctgc atttacaagt acttcatgcc caagagcacc 100
atttaccgtg gagagatgtg ctttttgat tctgaggatc ctgcaaattc 150
ctttcgtgga ggnngagccta acttcctgcc tgtgactgag gaggctgaca 200
ttngtgagga tgacaacatt gcaatcatttgc atgtgcctgt ccccaatgg 250
tctgatagtg accctgcagc aattattcat gactttgaaa agggaatgac 300
tgcttacctg gacttccag 319

<210> 170
<211> 383
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 87, 117, 120, 124
<223> unknown base

<400> 170
ggaagcaaag gaggaagatc taccacagaa gggtgaggaa aagttaacc 50
tcacacaagc acagatcaaa cagacagctt ggaattnagc aaacaacagt 100
ttttacacca gtagcangan ttcntattgt taactttgat tatagcatgg 150
aggaaaaagtt tgaatccctt tcaagtttc ctggagtaga atcaagttat 200
aatgtttac cagggaaagaa gggacactgt ttggtaaagg gcataaccat 250
gtacaacaaa gctgtgtggt cgccctgagcc ctgcactacc tgccctctgct 300
cagatggaag agttctttgt gatgaaacca tgtgccatcc ccagaggtgc 350
ccccaaacag ttatacctga agggaaatgc tgc 383

<210> 171
<211> 636
<212> DNA
<213> Homo Sapien

<400> 171
actacattgc ctggaggaag cctaaggaac ccaggcatcc agctgccac 50
gcctgagtcc aagattcttc ccaggaacac aaacgttaga gaccacgct 100
cctggaagca ccagccttta tctcttcacc ttcaagtccc ctttctcaag 150
aatcctctgt ttttgccct ctaaagtctt ggtacatcta ggacctaggc 200
atcttgcttt ccagccacaa agagacagat gaagatgcag aaaggaaatg 250
tttccttat gtttggtcta ctattgcatt tagaagctgc aacaaattcc 300
aatgagacta gcacactctgc caacactgga tccagtgtga tctccagtgg 350
agccagcaca gccaccaact ctgggtccag tgtgacctcc agtggggtca 400
gcacagccac catctcaggg tccagcgtga cctccaatgg ggtcagcata 450
gtcaccaact ctgagttcca tacaacatcc agtggggatca gcacagccac 500
caactctgag ttcagcacag cgtccagtgg gatcagcata gccaccaact 550
ctgagttccag cacaacctcc agtggggcca gcacagccac caactctgag 600
tccagcacac cctccagtgg ggccagcaca gccacc 636

<210> 172
<211> 480
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 21, 99, 162
<223> unknown base

<400> 172
tacattgcct tggaggaagc ntaaggaacc caggcatccc agctgcccac 50
gcctgagtcc aagattcttc ccaggaacac aaacgttagga gaccacgnt 100
cttgaaagca ccagccttta tctcttcacc ttcaagtccc ctttctcaag 150
aatcctctgt tnttgccct ctaaagtctt ggtacatcta ggaccaggc 200
atcttgcttt ccagccacaa agagacagat gaagatgcag aaaggaaatg 250
ttctccttat gtttggtcta ctattgcatt tagaagctgc aacaattcc 300
aatgagacta gcacactctgc caacactgga tccagtgtga tctccagtgg 350
agccagcaca gccaccaact ctgggtccag tgtgacctcc agtggggtca 400
gcacagccac catctcaggg tccagcgtga cctccaatgg ggtcagcata 450
gtcaccaact ctgagttcca tacaacctcc 480

<210> 173
<211> 390
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 9, 43, 51, 54, 120
<223> unknown base

<400> 173
gacaaaggnt catttgtaaa gaagctcctt ccagcacctc ctntcttc 50
nttnngccca aactcacccca gtgagtgtga gcattttaag aagcatcctc 100
tgcccaagac caaaaggaan gaagaaaaag gccaaaaagc caaaatgaaa 150
ctgatggta cttgtttcac cattggctca actttgctgc taggagttca 200
agccatgcct gcaaattcgcc tctctgctca cagaaagata ctaaaagatc 250
acaactgtca caaccttccg gaaggagtag ctgacactgac acagattgt 300
gtcaatgtcc aggatcattt ctggatggg aaggatgtg agatgatctg 350
ttactgcaac ttcagcgaat tgctctgctg cccaaaaaac 390

<210> 174
<211> 451
<212> DNA
<213> Homo Sapien

<400> 174
gtttggtaag actccagact ccagctaaca gtcctatgg aaagatggca 50
tcaaaaaaga tagatctata tatatatata aatatatatt ctattacatt 100
ttcagtgagt aattttggat tttgcaaggt gcattttac tattgttaca 150

ttatgtggaa aacttatgct gatttattta agggggaaaa agtgtcaact 200
cttggttatt tgaaaacatg tttatTTTC ttgtctttat tttaaccttt 250
gatagaacca ttgcaatatg ggggcctttt ggaaacggac tggtatgtaa 300
aagaaaatcc attatcgagc agcattttat ttacccctcc cctatcccta 350
ggcacttaac caagacaaaa agccacaatg aacatccctt tttcaatgaa 400
ttttataatc tgcaGCTCTA ttccgagccc tttagcaccca ttccgaccga 450

g 451

<210> 175
<211> 692
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 17, 42, 97, 173
<223> unknown base

<400> 175
cggattggat ggattgnttg aacggattgg gttggggaa gnaaaggaa 50
aggaggaga aaggagggaa taactggct ccatctttg agagctntt 100
gttggcaag ggcagaaaaac aggcccacag tgctcaaccc cggacaccct 150
cacgaaggtt cgcaaagtca ctnttggc ttccagattt ctcttagga 200
cctggaggga cagacccaga atcagggtcc ctcctttac cccctgagtt 250
ccttaactgtt cccccaaagcc tgggagcagt ctatccccaa accctgccat 300
ctcccttact catccctctt ccacagcttc cccttctag cccctctgc 350
cctacctgtc ttccctgagt gtttgggggg agagagagac ccacatctcc 400
ccaaagagat gagctttgg ggcacaacat cccaccgcag gccccctcac 450
ccgacaacac ctccctacctg gcccttgcc aaatcccaag cagaattagc 500
aacaggaaaa gcagagcccc aggagagaca ctctactata tatactcttc 550
tatatatattct gtttctattt tatattcaact ctgtacatgt gggtgtaaat 600
gctgttaaat gacaaaccca atattatact gtggctggtg gactatttc 650
atcctcagtg ctgtacagat ctatttcat tgtatattt at 692

<210> 176
<211> 358
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 59
<223> unknown base

<400> 176
tggatggcg gccagcgatg accccattga gaaggtcatt gaaggatca 50
accgagggnnt gagcaatgca gagagagagg tggcaaggc cctggatggc 100
atcaacagtgcgaaatcacgca tgccggaagg gaagtggaga aggtttcaa 150
cggaacttagc aacatgggaa gccacaccgg caaggagttg gacaaaggcg 200
tccagggct caaccacggc atggacaagg ttgcccata gatcaaccat 250
gttattggac aagcagggaaa ggaagcagag aagcttggcc atgggtcaa 300
caacgctgct ggacaggcgca accatcaaag cgatattcc agccatcaag 350
gaggggcc 358

<210> 177
<211> 450
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 49, 58, 74, 283
<223> unknown base

<400> 177
gacctccccca gcaatatgca tcttcacgt ctggtcggct cctgctccnt 50
ccttctgnta ctggggggccc tgtntggatg ggccggccagc gatgacccca 100
ttgagaaggt cattgaaggg atcaaccgag ggctgagcaa tgcagagaga 150
gaggtggca aggccctgga tggcatcaac agtggaatca cgcatgccgg 200
aagggaagtg gagaaggttt tcaacggact tagcaacatg gggagccaca 250
ccggcaagga gttggacaaa ggctccagg ggntcaacca cgcatggac 300
aagggtgccc atgagatcaa ccatggattt ggacaaggcag gaaaggaaagc 350
agagaagctt ggccatgggg tcaacaacgc tgctggacag gttggaaagg 400
aggcagacaa actgatccat catgggttcc atcacggggc caaccaggcg 450

<210> 178
<211> 489
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 8, 64, 66, 68, 149, 302, 461
<223> unknown base

<400> 178
attgaatnac agttttctg gttttttgt ggagttttt 50
tgagatggag ttngntntt gttccccagg ctggagtgtg gtggcgtat 100
ttcggcttac cgcaacttct gcttccggg ttcaggcagt tttcctgcnt 150
cggttcctg agtggcttgtt attacggcgca tgcaccgtcg cgccccactg 200

gttttgttatt ttttttagtag agacggggttt tttccgtgtt ggtcaggctg 250
gtctcgaaact cccgacaccta ggtgatccgc cccgcctcgcc ctccccaaagg 300
tntgggattt caggtgtgag ccaccgtgcc cggctgtttt ttgtgggttt 350
tttgggggtt tggtttttt tgagacagag tcttgctctg tcactcaggc 400
tggagtgcag tggcacagtc tcggctcaact gcaacctctg cctccctgag 450
tcaaggcatt ntccctgcctc ggccccctca gtagctggg 489

<210> 179
<211> 495
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 78, 212, 234, 487
<223> unknown base

<400> 179
gggcgagaag taggggaggg cggttccgc cgccgtggcg gttgttatcg 50
ttttgcagaa cctactcagg cagccagnng agaagagttt agggaaaagt 100
ctgctgctgg gtctgcagac gcgttggata acgtgcagcc gaaaataaaaa 150
catcgccccct tctgcttcag tgtgaaaggc cacgtgaaga tgctgcggct 200
ggcactaact gngacatcta tgacctttt tatnatcgca caagccccctg 250
aaccatatat ttttatcaact ggatttgaag tcaccgttat cttattttc 300
atacttttat atgtactcag acttgatcga ttaatgaagt gtttattttg 350
gcctttgctt gatattatca actcactggt aacaacagta ttcatgctca 400
tcgtatctgt gttggcactg ataccagaaa ccacaacatt gacagtttgt 450
ggaggggtgt ttgcacttgtt gacagcagta tgctgtnttg ccgac 495

<210> 180
<211> 552
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 12, 25, 65, 130, 437, 537
<223> unknown base

<400> 180
gggaggctgt gnccgttttg ttttnttggc taaaatcggtt ggagtggggc 50
ggccccggcgcc ggcngacac cgggttccgg gaaccattgc acgacgggg 100
ggactgaccc taaaaaaatg tttggatttn tagagggtt gagatgctca 150
gaatgcattt gactggggggaa aaagcgaat actattgtt ccattgtgc 200
tggtgtacta ttttttacag gctgggtggat tatcatagat gcagctgtta 250

tttatcccac catgaaagat ttcaaccact cataccatgc ctgtgggtt 300
atagcaacca tagccttcct aatgattaat gcagtatcga atggacaagt 350
ccgaggtgat agttacagtg aagggtgtct gggtaaaca ggtgctcgca 400
tttgggtttt cggtgggttc atgttggcct ttggatntct gattgcatct 450
atgtggattc ttttgagg ttatgttgat aaagaaaaag acatagtata 500
ccctggaatt gctgtatTTT tccagaatgc cttcatnttt tttggaggc 550
tg 552

<210> 181
<211> 690
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 18, 87, 89, 97, 127, 148, 170, 221, 232, 357, 426, 478, 561
<223> unknown base

<400> 181
ttcttttag agattccntt ggaccttgc ccaaggtttc cgacaggttt 50
tttttgaat ttggAACAG acctttatat tttgggnCNA gaagtngcc 100
cagaaAGCAG caggggtttt gcctggntgt agagcccagt tcattggntg 150
tccctgggtt tgTTTccttn ttccgagtag ttgtgcctt tttcagatca 200
ggttaccaca atgctccccg ntgtgacgtt tnatccccca cactccagc 250
cccagttacc tggagttttt cagaACCCAC tttGCCGGTG ttAAAACACA 300
agagggggtg aaagtggctg ccagtaatgg ccagAAACCA accaccagag 350
gccaggntga aagacaagtt ccgggtgtcc aggggctgac gggccaacca 400
tgtggcaggt cccaggCCCC acccantgcg ccattccgctt ctgagatcca 450
cagtggtccc actaatggga acctcctnta gggagagtga tactgcacct 500
tcacccgttag gactcatatt tataacaatg tgtaatggct gtagcaaaaa 550
gcccttggttt nttagatgtaa atggtaaAG aaacaAGCGT tttattgttt 600
tgaataaaat agttcaaATG agtcctgtat cattgtatct cctattctgg 650
attagtgcct ttggacagt agactgttct gtaattaaaa 690

<210> 182
<211> 468
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 59, 95, 149, 331, 364, 438, 446
<223> unknown base

<400> 182
aatttcacc gctgttagaa tccagatgca gcccaagtac agcagcacga 50
gggacatgnt ggatgatgat gggacaccac catgagcctg cattntcaag 100
ctttgccac aattcgcat ccagagcccc ggcgcacaga gcacaggnt 150
ccttttcaa cgtggcgacc agtggccctg accctgctga ctttgctt 200
ggtgctgctg atagggctgg cagccctggg gctttgttt tttcagtact 250
accagctctc caatactggt caagacacca tttctcaaata ggaagaaaaga 300
ttaggaaata cgtcccaaga gttcaattt nttcaagtcc agaatataaa 350
gcttcagga agtnlgcagc atgtggctga aaaactctgt cgtgagctgt 400
ataacaaagc tggaggaact ttgaaggagg gcaaagtntc ctcatntact 450
atacacacac cacttccc 468

<210> 183
<211> 227
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 21, 50, 84, 90, 111, 131, 154, 174-175, 189, 201
<223> unknown base

<400> 183
tcacagcatg agagagatcc ntggatatgc tgggaccagc cgggcctgan 50
gttgaactgg ggtgaaccga tgcactggca cctngacatn tacaacagga 100
accgtgtgga nacatcccc acacctgttt nttggcatgt catgtgtatg 150
cagntctcg gttcctggc tttnnntgata ttcatgtgmt gggggggg 200
ngtgtaccct gtctaccagc ctgtggg 227

<210> 184
<211> 474
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 33, 105, 126, 184, 199, 206, 218, 236
<223> unknown base

<400> 184
gaaagaagga aataaacaca ggcaccaaac cantatccta agttgactgt 50
cctttaaata tgtcaagatc cagactttc agtgcaccc cagcgatctc 100
aacgntaggg atcttgtgtt tgccgntatt ccagttgggtg ctctcggacc 150
taccatgcga agaagatgaa atgtgtgtaa attntaatga ccaacacccnt 200
aatggntggt atatctgnat cctcctgctg ctggtnntgg tggcagctct 250
tctctgtgga gctgtggtcc tctgcctcca gtgctggctg aggagacccc 300

gaattgattc tcacaggcgc accatggcag ttttgctgt tggagacttg 350
gactctattt atgggacaga agcagctgtg agtccaactg ttgaaattca 400
ccttcaaact caaaccctg acctatatcc tgttcctgct ccatgtttg 450
gccctttagg ctccccctact ccct 474

<210> 185
<211> 340
<212> DNA
<213> Homo Sapien

<400> 185
ccgaaacgcg gtctttctct agacgcgtct tgctggaga gtgtccgttg 50
cttcccggtcc gtgtcgccgc cctgcgggtg gcccgcctact cgtggagcgg 100
agcaaggctg agatctgtat ctgtggacct gaatgttgat ccctcgcttc 150
agattgacat acctgatgct ctcagtgaga gagacaaaatg caaatttaca 200
gtgcacacaa agaccacact gcccacgttt cagagcccag agtttctgt 250
tacaaggcaa catgaagact ttgtgtggct acatgacact cttattgaaa 300
caacagacta tgctgggtt attattccac ctgctcttg 340

<210> 186
<211> 411
<212> DNA
<213> Homo Sapien

<400> 186
ggctggagca aatgctccac agctgccgaa tccagaagtc agatttcagc 50
aacaactgga acagctcaac gcaatggggt tcttaaaccg tgaagcaaac 100
ttgcaggccc taatagcaac aggaggcgac atcaatgcag ccattgaaag 150
gctgctgggc tcccagccat cgtaatcaca tttctgtacc tggaaaaaaa 200
tgtatcttat ttttataat ggctcttaaa tctttaaaca cacacacaaa 250
atcggttcttt actttcattt tgattctttt aaatctgtct agttgttaagt 300
ctaataatgtat gcattttaag atggagtccc tccctcctac ttccctcact 350
ccctttctcc tttgcttatt tttcctaccc tcccttcctc ttgtctcccc 400
actccccctcc c 411

<210> 187
<211> 277
<212> DNA
<213> Homo Sapien

<400> 187
cttagcataa acctacaggg ccctgtgtga tcggactcct gcccacttga 50
catgttagtt acttgccct cgttgcttcg tgcttaccc tccagaatca 100
ttaaaactgct gatgtttccc aaaaataact atgtacccgg gtcagctcat 150

gctggcatgg agttctcgtc catcaccatg cccaccctgg cttcttttag 200
cgcccgata atatatatct ctaccatcat acttcatata ttttgtata 250
attgctgggtt ttatttgccct ctgtgg 277

<210> 188
<211> 294
<212> DNA
<213> Homo Sapien

<400> 188
aaaaatcctg gttttttttt gggttttttt ttgctgtgcc ctagaccatt 50
acataactga agactcccac cttcaggcag gtttgggttag tacacgttg 100
taactacctg gcattgcctt ttgttgaagt aatttcagtt tttatttagta 150
gtagtagtag tatactttgg gttctacagt atatgttcac aatgtgcagg 200
tttgttacat atgtatacat gtgccatgtt tgtttgctgc acccattaac 250
tggtcattta cattgggtat ttctccataat actatcccccc ccgc 294

<210> 189
<211> 385
<212> DNA
<213> Homo Sapien

<400> 189
gtaacatttg ggagtgacaa gactgttcat cagcttgggg cctggcagca 50
acttttctag agttagctt tttctccctt cttgttccat gacttaaaaa 100
taataacttg ttgggcatgg tgcctcattc ttgtaatccc agcactttgg 150
gaggctgagg cacttgtggc caggagttca agactagcct gggcaacgta 200
gtagatgccc tcccccggcac catctctaca aaagaaaaaaaa agttaactct 250
tgatttgctt tcttagtagtg ggtgaatttg gagttccaat gattgtcaac 300
ccattaaattc ttcatattact gaacatctcc ttatgtttca gatgctgcaa 350
agatgtacaa gactttgttt cctaccctcc tttttt 385

<210> 190
<211> 134
<212> DNA
<213> Homo Sapien

<400> 190
tgcaatctgc cttgtgtgct gttgtaaaca agtttagtggt caaccagtgt 50
ttaaaagtgtc tgttttaaaaa gctctaatta tggttagtatt tccatttcct 100
tttacaacac cctttatattt gttcctccag gtcc 134

<210> 191
<211> 245
<212> DNA
<213> Homo Sapien

<400> 191
ttttaaaaaa aaaaaaaaaac aaagaaattc tatgttaact caataccaac 50
atcttcaga actagagtac aatatcacag ccaggatgtt gaccttgata 100
cgagccatca gtcttattcg ggtttccca aatttacttt gtgtgtgtgt 150
gtgtctgtgt gttagttaggt ctatgctagt ttatgacgtg cagttcatg 200
tatctccac cacagccaac acacagaaca gttccatctc ccctc 245

<210> 192
<211> 323
<212> DNA
<213> Homo Sapien

<400> 192
ggtttcgcca ttttgcccaa gctgttcttg aactcccggg ctcaggtgt 50
ccgcctccct cggcctccca gagtgctggg attacaggca cggaccacca 100
tgccccagccct ccacatcttt ttttgcactg tgtatactct tctgagacat 150
gccaaacttcc tccaggtcaa gaaaggggta tatagtctc agcttcactc 200
tttcagggct gatgtcgccct ttgcctttc tcacttcact gacctgtcta 250
ttcctacaac tgtcttttc tagagaagcc tcaatgatca ggattgacag 300
gccacactct ccccacctt tct 323

<210> 193
<211> 481
<212> DNA
<213> Homo Sapien

<400> 193
cagcatgagc tccctgtgtg tgcaaggcag ctctatgcgg ttctcggtgt 50
ctccttagaa gcaactttca gtaccctccct gtgttgagtc cgattttctta 100
aaagctgagc gggcatctag ggaccctttct gtcactcagc cgactgtgtg 150
gtgtggcca gctctgggtc tgccctcccc agaactagat gcccattgggg 200
agtccatcag caccaatctc ctgtgatcgt ttataacaaca gaatctccac 250
tcaagtaaaa gtggggcctc ctccatatctt gctgtttgtg tgtgtgttgg 300
cagacccag cgtggctgga acagatgatt gcacatacca cgtggcggga 350
cctttttat aaactggctg aagcccatcc agactgtttg atgctgaact 400
tcaccgttaa ggttaggaaga gttctagagt taaggagaaa agtgtttatg 450
aatgtttatt tttgggttgg ggtctgtttg g 481

<210> 194
<211> 184
<212> DNA
<213> Homo Sapien

<220>
<221> unsure

<222> 128
<223> unknown base

<400> 194
atagctctca gcttcactct ttcagggctg atgtcgccctt tgccctttct 50
cacttcactg acctgtctat tcctacaact gtctctttct agagaaggct 100
caatgatcag gattgacagg ccacactntc ccccaccatt ttttctcct 150
ccttcaagcc tcttgtctgt ttcaccctct agtg 184

<210> 195
<211> 225
<212> DNA
<213> Homo Sapien

<400> 195
gttaattat ggtatgcaac cactcatgta ttccggtttag gaagcattaa 50
atgccagacc atggggatt cgtatggga ctgacatttgc ttactataaa 100
aatcatttctt caagaagttc agttgtgca ggtgggcaaa agggaaaatc 150
ctactataca attacattta ctgtcaattt tccacataaa gatgtatgttt 200
gctactttgc ttatcactat ccttt 225

<210> 196
<211> 208
<212> DNA
<213> Homo Sapien

<400> 196
ctgacattca ttgtatgag ggcagcttcc ttgtacagga ttctaaagctc 50
tatgtttat atacatttcc atctgtactt gcacctcaact ttacacaaga 100
ggaaactatg caaagtttagc tggatcgctc aaggtcactt aggtaaatgg 150
gcaagtccat gttcccaact cagctcctca ggtcagcaag tctacttctc 200
tgctatag 208

<210> 197
<211> 403
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 112
<223> unknown base

<400> 197
atcttggccg tatgaaaagta taacactaag aaaaaaaattc atttttttca 50
aacgttaacctt tccattttt cttcccttttcc ctctaaacta aaacccctttt 100
tcccatctttt nttttcttga accagactaa tctagacaaa gatctcagcc 150
tctgcccagac agagtttagag gcagatgg aaaaaatggaa gacgcttaat 200
aaagcaccca gtgcaaacgt gccacaggtt tttccttagtt tttatcatgc 250

catcagttcc ttttcaagct gtgcttggtt ttcttcttttggatgggtt 300
tttgatgttag ttgaggtgac ggatgggtgat gctggctatt ttaggctgca 350
tggcttctg actactgttt tagactcctt cccccacacc tacccaggta 400
gta 403

<210> 198
<211> 484
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 62, 150, 158, 195, 236
<223> unknown base

<400> 198
gttgaacgcc accgagggtc aagtacacaga caagaagctg tgcatgcacc 50
agtgttcctt cttgtcccaga aacaaatcca ccaaaaaccc atacctctgc 100
caagatttac agaaggggaa aacccaactg tggatggcc cttaccagn 150
ttttcatnta attccactat ttcagaacag gaagctggcg ttctntgcaa 200
gccatggat gctggagccgt gtgatcgaaa gtctgntgaa gaggcattgc 250
acagatcaaa caaggatgga tcatttctta ttcgaaaaag ctctggccat 300
gattccaaac aaccatatac actagttgtt ttcttttaata agcgagtata 350
taatattcctt gtgcgattta ttgaagcaac aaaacaatat gccttggca 400
gaaagaaaaa tggtaagag tactttggaa gtgttgctga aatcatcagg 450
aatcatcaac atagtccttt ggttcttatt gaca 484

<210> 199
<211> 442
<212> DNA
<213> Homo Sapien

<400> 199
ggcggtggg ctgtttgggtt tgagcgctcg ccgtcttttgcggcggc 50
cgacgcgagg gctcccgccc gcccgcgtcc gctggaaatc tagcttctcc 100
aggactgtgg tcgccccgtc cgctgtggcg ggaaagcggc ccccaagaacc 150
gaccacaccc tggcaagagg acccagaacc cgaggacgaa aacttgtatg 200
agaagaaccc agactcccat ggttatgaca aggacccgtt tttggacgtc 250
tggaaatgc gacttgttctt cttctttggc gtctccatca tcctggctt 300
tggcagcacc tttgtggcct atctgcctga ctacaggatg aaagagtgg 350
cccgccgcga agctgagagg cttgtgaaat accgagaggc caatggcatt 400
cccatcatgg aatccaactg cttcgacccc agcaagatcc ag 442

<210> 200
<211> 756
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 21, 31, 46, 68, 72, 95, 220
<223> unknown base

<400> 200
gttccgaaaa gtaagttctt nttttggct naacgggatt tccttntttg 50
cagtttgca gccccagnac gntgattccc agcaggcgct ttacnnggc 100
gcccgaagat ttcacttagt gtgaaaatcg ccttcaata cccttaccgc 150
cgtgcaaaag gaggaggcgc ggcaagactt ggaggccctt cttgaccgc 200
acggtcagaa ctcaggatan tgaccggcaa ggagctccga gttgccaccc 250
aggaaaaaga gggctcctct gggagatgta tgcttactct cttaggcctt 300
tcattcatct tggcaggact tattgttgtt ggagcctgca tttacaagta 350
cttcatgccc aagagcacca tttaccgtgg agagatgtgc ttttttgatt 400
ctgaggatcc tgcaaattcc cttcgtggag gagagcctaa cttcctgcct 450
gtgactgagg aggctgacat tcgtgaggat gacaacattg caatcattga 500
tgtgcctgtc cccagttct ctgatagtga ccctgcagca attattcatg 550
actttgaaaa gggaaatgact gcttacctgg acttgggtct gggaaactgc 600
tatctgatgc ccctcaatac ttctattgtt atgcctcaaa aaaatctgg 650
agagctctt ggcaaactgg cgagtggcag atatctgcct caaactttag 700
tggttcgaga agacctagtt gctgtggagg aaattcgtga tgtagtaac 750
cttggc 756

<210> 201
<211> 445
<212> DNA
<213> Homo Sapien

<400> 201
gatgggttcc caagcggtca ttcaaaaact tgctggtaa tccccaggcc 50
tctatacgctc agatcattgt cacagtcgta ctgggactgg ttataggtgc 100
catttacttt gggctaaaaa atgattctac tggaatccag aacagagctg 150
gggttctttt cttcctgacg accaaccagt gttcagcag tggttcagcc 200
gtggaactct ttgtggtaga gaagaagctc ttcatacatg aatacatcag 250
cgatatactac agagtgtcat cttatccct tggaaaactg ttatctgatt 300
tattacccat gaggatgtta ccaagtatta tatttacctg tatagtgtac 350
ttcatgttag gattgaagcc aaaggcagat gccttcttcg ttatgtatgtt 400

tacccttatg atggtggc ttccatggca ctggc 445

<210> 202
<211> 700
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 66, 168
<223> unknown base

<400> 202
gcggccccct tgggtttgg attcaggatt tgttcctagt gtccaagatt 50
ttgttaggaa cttacngaag ttgatgctta cctacaaaatc ttgattgaac 100
aattaaagct ttttcatgac aagcttc当地 actgcaaaga agatgaacag 150
agaaaagaaaa ttgaactntc aaagagacaa caaatagcat ggtagaatca 200
attnaacact gcattgtgtt gctgcagatt gccaaagacc agagtaatgc 250
ggagaagcac gcagatggaa tgataagtac tattaatccc gtagatgcaa 300
tatatacaacc tggcctttt gaacctgtga tcagcacaat gccttcccag 350
actgtgttac ctccagaacc tgttcagttg tgtaagtca agcagcgtcc 400
atcttcccta ccagttggac ctgtgttggc taccttggga catcatcaga 450
ctcctacacc aaatagtaca ggcagtggcc attcaccacc gagtagcagt 500
ctcacttctc caagccacgt gaacttgtct ccaaatacag tcccagagtt 550
ctcttactcc agcagtgaag atgagttta tgatgctgat gaattccatc 600
aaagtggctc atccccaaag cgcttaatag attcttctgg atctgcctca 650
gtcctgacac acagcagctc gggaaatagt ctaaaacgcc cagataccac 700

<210> 203
<211> 513
<212> DNA
<213> Homo Sapien

<400> 203
catcgagtgc ttcaagaccat gatgatcctc ttcaatttgc 50
tcatcttctt gtgtggtgca gcccgttgg cagtggcat ctgggtgtca 100
atcgatgggg catcctttctt gaagatctc gggccactgt cgtccagtgc 150
catcgagtggt ggtaacgtgg gctacttcctt catcgccatc ggcgttgg 200
tctttgtctt tggtttcctt ggctgtatg gtgctaagac tgagagcaag 250
tgtgcctctg tgacgttctt cttcatcctc ctcctcatct tcattgtca 300
ggttgcagct gctgtggctg cttgggtgtta caccacaatg gctgagcact 350
tcctgacgtt gctggtagtg cctgccatca agaaagatca tggttcccag 400

gaagacttca ctcaagtgtg gaacaccacc atgaaaggc tcaagtgctg 450
tggcttcacc aactatacgg attttgagga ctcaccctac ttcaaagaga 500
acagtgcctt tcc 513

<210> 204
<211> 348
<212> DNA
<213> Homo Sapien

<400> 204
gaatcgatag aaccgaggtg cagttggacc tggagtgga caccaagatt 50
ttaaaagctc caatttcaga gcaagagtcg aaaactcaca gataaagtta 100
tagttatbtc agggttctga aaagacgcag aacatgaagg gactcagaag 150
tctggcagca acaaccttgg ctctttcct ggtgtttgtt ttccctggaa 200
actccagctg cgctccgcag agactgttgg agagaaggaa ctggactcct 250
caagctatgc tctacctgaa aggggcacag ggtcgccgct tcatactccga 300
ccagagccgg agaaaggacc tctccgaccg gccactgccc gaaagacg 348

<210> 205
<211> 493
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 202
<223> unknown base

<400> 205
tccaggagac gactaaaatg ggctgtctc atcggtggaa tacaacataa 50
tggagttgga acaagaacct gaaaatgtaa agactcttaa gacaaaatta 100
gagaggcgaa aaaaggcttc agcatggaa agaaaatttgg tgtatccgc 150
tgttatggtt ctcccttta ttgagacatc catctcggtc ctcttggtgg 200
cntgtaatat tctttgccta ttgggtgatg aaacagcaaa tgccaaaagg 250
aacaaggggg cctggaatag gaaatgcctc tctttctacg tttggtttt 300
tgggagctgc gcttgaaatc attttgattt tctatcttat ggtgcctct 350
gttgcggct tctatagcct tcgattttt ggaaacttta ctcccaagaa 400
agatgacaca actatgacaa agatcattgg aaattgtgtg tccatcttgg 450
ttttgagctc tgctctgcct gtgatgtcga gaacactggg aat 493

<210> 206
<211> 599
<212> DNA
<213> Homo Sapien

<220>
<221> unsure

<222> 38, 48, 191, 261
<223> unknown base

<400> 206
ctattagaga ttccccttgg acccttggac ccaacggngt cccggggnac 50
accccccttt ttcagaaacc caggcgtgtg taagagctgc ttggagttagg 100
cacccccattt aaagaaaaaaa atgaagaagc agcaataaag aagttgtaat 150
cgttacctag acaaacagag aactggttt gacagtgtt ntagagtgt 200
ttttattatt ttcctgacag ttgtgttcca ccatgattac tttctccttc 250
agcgaatagg nttaatgaat atgaaacaga aaagcgtgtc tcagcaaacc 300
aaagcacttc tgtgcaagaa ttttcttaag aaatggagga tgaaaagaga 350
gagcttattt gaatggggcc tctcaatact tctaggactg tgtattgtc 400
tgttttccag ttccatgaga aatgtccagt ttccctggaat ggctcctcag 450
aatctggaa gggtagataa atttaatagc tcttctttaa tggttgtgt 500
tacaccaata tctaatttaa cccagcagat aatgaataaa acagcacttg 550
ctcctctttt gaaaggaaca agtgcattt gggcacccaa taaaacaca 599

<210> 207
<211> 578
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 49, 75, 77, 283, 458
<223> unknown base

<400> 207
tgcctttcc tctgaccctt caggtccctc accgagttt gctccaggg 50
tatattgaaa acataccca gtcntntca agcacccact gcttagaggg 100
cccagatttc tttcccttct ttcccttgca gagctggaga ctgcacccggg 150
catctggtgt ttaaactaaa cagaaaaact gactaaaggt ccacagtgt 200
cattgtgttag actagctgcc ctccgatggg tgctctgatt atcagtgggt 250
ccagtcagg gcctgtcact aaacaggcct canttcctcc ttgggggctt 300
tcccatggga ggtgtggctt tttactctac atggaaatga ctctctgcag 350
ccacagaaca cagtcatttt ctgaattatc ccagtctctc atgcgccctg 400
gattcctcca gatgccttat atctcttgc caaagttgtc taaaatttgg 450
ttcccagntt ccaagccttg cctttggcc ttccctggaag tattttgtt 500
gatgagtcgt ctgtcattat totctaaaat gatttgctt ttgtttcttt 550
cattcctatt tccacccac atatacac 578

<210> 208

<211> 588
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 332, 427, 444, 449, 480, 508, 541, 578
<223> unknown base

<400> 208
tctttctgta agactcaact gatataattt atactgatgc aaatattaag 50
tagggcataa aaatatgctt ccataatatg aaatagatta ttcaataatt 100
gagaaacttt atgtgtaatc atgagagtat aagagtctgg attatctaac 150
attgttagcc ctgtgtatgt acagttcaaa aagttcattt ataaaaagtag 200
tttcctgttc ctgtgtgat gtatcacaaa ttgtgctgag gttatTTT 250
tatgtgtgtt tcattcccggt gcttcgttcc tgaagtcctg gaatacagtt 300
ttcagtgtaa ttaattcaac tgcacttaac antaatgtcc gtgttgtat 350
agaaatgtct aaatcctata ctctagttga ggaagatctt ccataatttt 400
atggtattac acaggaaag ctatgantgc aggatcagtc taantatant 450
attagggtgca tggattctct tttcactaan ttatacttgtt ctatctagaa 500
tacaggtnntt ccagtcagct ggtcatttac caggtgtgga nttaagttgc 550
tgggcttgca gtaagaatttgc ccagccanc attgtgcg 588

<210> 209
<211> 481
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 84
<223> unknown base

<400> 209
cgtgtggccc cgcgggtgcg gagtatgggg cgctgatggc catggagggc 50
tactggcgct tcctggcgct gctggggtcg gcantgctcg tcggcttcc 100
gtcgggtgatc ttgcgcctcg tctgggtcct ccactaccga gaggggcttg 150
gctggatgg gagcgcacta gagtttaact ggcacccagt gctcatggc 200
accggcttcg tttcatcca gggcatcgcc atcatcgct acagactgcc 250
gtggacctgg aaatgcagca agtcctgtat gaaatccatc catgcagggt 300
taaatgcagt tgctgccatt cttgcaatta tctctgtggt ggccgtgttt 350
gagaaccaca atgttaacaa tatagccaat atgtacagtc tgcacagctg 400
ggttggactg atagctgtca tatgtatattt gttacagctt ctttcagggtt 450
tttcagtcatt tctgcttcca tgggctccgc t 481

<210> 210
<211> 569
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 325
<223> unknown base

<400> 210
tttcatatac catggagtta cataaaacat ggcattttgt atctggcttc 50
tttcacttaa tgtttcaag gttcattcag gctggagcgc ataatgatac 100
tttattcctt tctatggttg aataaatattc cattgtatga atagaccata 150
ttttgtctat ccattcatca gttgatggac atctgggtta tttctatTTT 200
tggctatcgt gaataatgct gccatggaca ttcacgtata agttttgtg 250
tggatatatg ttttcatttc tttggagtag agttgctggg tcatgggta 300
accctaggTT taagctttg aggcnTacca gatttccaaa gtgactgcat 350
catTTTgcT tcccattcaac agtatATgaa ggTTctaact tctctacatc 400
ttcaccaata ttgttatttgc tctgttttct tgacaaaaagt tctcttagtg 450
ggTgtgaact ggtatcattt tttggTTTTg atttgcatTTT cctggatggT 500
tatgaatgTTt gattttactt tcatgtgTTt attggccatt gtataatctt 550
gggaaaatAG ctatTTTcc 569

<210> 211
<211> 416
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 291
<223> unknown base

<400> 211
gtcgaaagaa gcttatctgc aaaagatata atgaaaaatg ggaagagcaa 50
tcatctcaaa cagttccggg ttgctgcctt tttggcttcc ctaggtgcta 100
cagtagcagg ctgtttccc cttttccata gaggggaata ttctgcata 150
ccccTTTgtt tgccatttcc tacaggtgaa acgccatcat taggattcac 200
tgtaacgtta gtgctattaa actcactagc atttttattt atggccgtta 250
tctacactaa gctataactgc aacttggaaa aagaggacct ntcagaaaac 300
tcacaatcta gcatgattaa gcatgtcgct tggctaatct tcaccaattg 350
catcttttc tgccctgtgg cgTTTTTTC atttgcacca ttgatcactg 400
caatctctat cagccc 416

<210> 212
<211> 765
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 25, 55, 63, 76, 81, 389, 626, 761
<223> unknown base

<400> 212
ttttggcctg ttggaatttc cccanntttt ttccccagga ggatttgccc 50
aaaantgagc ttntattggg acagggggca nttggatttt tggagtaggt 100
gggcctttgt ttttggggtc tgcaattggt ttgtcttaga ggttcaggag 150
ggaaattat atggaagggt cccaaattgc attactttac aaactcattg 200
tactctgttt gcccattagt ctcccttagg aatcgacga ttagccatta 250
taaaatcaat aggctatcag gaacattaa cagagtattg gagttcactg 300
gaacttttc tttaccataa tagttgtgaa attgataaca ccactgctgt 350
tgattatttt tcccctaaat aagtcttgaa ttattgcctt cggcattact 400
gtattatacc agcttagccct tgactttacc tcactgaaga ggttaatatt 450
atatggcact gatggtagtg gcacacgggt tggcttattt aatgccaacc 500
gcgaaggaat aatctctacc ctggggtagt tggcaataca catggctgg 550
gtgcaaacag gtttatataat gcataagaac cgatcacata tcaaagactt 600
gataaaaagta gcctgttttc ttttattggc agctattagc ctcttcata 650
ctcttacgt agttcaagta aatgtagaag cagtatctcg aagaatggca 700
aatttagcct tttgtatttg gatagttgct tctagcctga tccttcttag 750
tagtttatta ntggg 765

<210> 213
<211> 500
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 117, 181, 219, 297, 397, 415
<223> unknown base

<400> 213
ggcggaaactg aagtttttc ttaattatca tgtgacgggt tctggattta 50
atgggggaa aaggcgaa taggacaagg atccaaactg gcgaatttgc 100
tgatcttcgg gtccctntcc gcttccggc cggcagcgt gccagggat 150
atttcctttt ttccgatcct gcaacagcct nttaaatctg tttaaatgag 200
aatgtccttg gctcagagng tactactcac ctggctttc acactactct 250

tcttgatcat gttgggtttg aaactggatg agaaaagcacc ttggaantgg 300
ttcctcatat tcattccagt ctggatattt gatactatcc ttcttgcct 350
gctgattgtg aaaatggctg ggccgtgtaa gtctggctt gaccctngac 400
atggatcaca caatnttaaa aaaaaaggctt ggtacacctat tgcaatgtta 450
cttaaattag cttctgcct cgcaacttgt gctaaactgg aacagttac 500

<210> 214
<211> 500
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 1, 15, 24, 49, 94, 126, 158, 196
<223> unknown base

<400> 214
nacggtaat tttngaagc caangaagga gatttgacaca ggatagaant 50
cccattcaaa ttccacatgt tgcattcagg gttggtccac ggcntggctt 100
tctggttga cgttgcttc atcggncca taatgaccgt gtggctgtcc 150
acagcccnga cagagccccct gacccactgg taccaggtgc ggtgcntggtt 200
ccagtcacca ctgttcgcca aggccaggaa cacgctctca gggacatgtc 250
tgcttattgc caacaaaaga cagagctacg acatcagtat tgtggccag 300
gtggaccaga ccggctccaa gtccagtaac ctcctggatc tgaaaaaccc 350
cttcttaga tacacgggca caacgcctc acccccaccc ggctcccact 400
acacatctcc ctcggaaaac atgtggaaca cgggcagcac ctacaacctc 450
agcagcggga tggccgtggc agggatgccg accgcctatg acttgagcag 500

<210> 215
<211> 739
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 98, 103, 114, 178
<223> unknown base

<400> 215
tggccggatc ctttagaaa tcccttggac cttggacccca aggtgtccgg 50
gcgagagcct tgggatgcac ccggccagag cccatgctgc tgctgctnaa 100
cgnttgccttcc tccntgggg gccccacttg ggcaggaaag atgtatggcc 150
ctggaggagg caagtatttc agcaccantg aagattacga cccatgaaat 200
cacagggctg cgggtgtctg taggtcttct cctggtaaaa agtgtccagg 250
tgaaaacttgg agactccttg ggacgtgaaa ctgggagcct taggtggaa 300

tacccagggaa gtcaccctgc agccaggcga atacatcaca aaagtcttg 350
tcgccttcca agctttcctc cgggttatgg tcatgtacac cagcaaggac 400
cgctatttct attttgggaa gcttgatggc cagatctct ctgcttaccc 450
cagccaagag gggcaggtgc tgggtggcat ctatggccag tatcaactcc 500
ttggcatcaa gagcattggc tttgaatgga attatccact agaggagccg 550
accactgagc caccagttaa tctcacatac tcagcaaact caccctggg 600
tcgcttaggtt ggggtatggg gccatttacc gagcggccgc cgtaattggg 650
ccgctgggtt atctctcgag aaaagagagg cccaatatga cccacatact 700
caatatggac gaactgatat tgtccacctg ttatgagtg 739

<210> 216
<211> 474
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 92, 120, 205, 214, 238, 348, 353, 358
<223> unknown base

<400> 216
tttccaaaag ttgtgaagga cacctccatc cattcaaggc agttgtcaaa 50
gcagaaattt tcagtgcagg tcttgatgtt gccccgtccc cnattcccta 100
catcagaagg atccctcatn tggactccag cggtggcttc ttgatgctgc 150
gcgttccccc attccctaca tcagaatgca tcccgcatcc agactccagc 200
gttgtntgctc tacntgcacg ctgttgccaa gtccaaagnata ccatactcct 250
gcctgagcta tgacaacagc ctcctcactg atctccctt tcttccctt 300
gcctcctcca gctcattttt cacagtgttag aatgacattt tgtttgtnng 350
ttntgttnng tttgagatgg agtctcgctc tggtggccag ggtggagtgc 400
agcgggtgcga tctcggtcata ctgcaacctc cacctcccggttcaagcgg 450
attctcggtc ctcagccccc tgag 474

<210> 217
<211> 509
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 22
<223> unknown base

<400> 217
cacagttccc caccatcact cttcccatcc cttccaactt tatttttagc 50
ttgccattgg gagggggcag gatgggaggg aaagtgaaga aaacagaaaa 100

ggagagggac agaggccaga ggacttctca tactggacag aaaccgatca 150
ggcatggaac tccccttcgt cactcacctg ttcttgcccc tggtgttcct 200
gacaggtctc tgctccccat ttaacctgga tgaacatcac ccacgcctat 250
tcccagggcc accagaagct gaatttggat acagtgtctt acaacatgtt 300
gggggtggac agcgatggat gctggtgggc gccccctggg atgggccttc 350
aggcgaccgg aggggggacg tttatcgctg ccctgttaggg ggggcccaca 400
atgccccatg tgccaagggc cacttaggtg actaccaact gggaaattca 450
tctcatcctg ctgtgaatat gcacctgggg atgtctctgt tagagacaga 500
tggtgatgg 509

<210> 218
<211> 291
<212> DNA
<213> Homo Sapien

<400> 218
ctcttaggct ttgaagcatt tttgtctgtg ctcccctgatc ttcatgtcac 50
caccatgaag ttcttagcag tcctggtaact cttgggagtt tccatcttgc 100
tggtctctgc ccagaatccg acaacagctg ctccagctga cacgtatcca 150
gctactggtc ctgctgatga tgaagccct gatgctgaaa ccactgctgc 200
tgcaaccact gcgaccactg ctgctcctac cactgcaacc accgctgatt 250
caaccactgc gaccactgct gctctacca ctgcaaccac c 291

<210> 219
<211> 266
<212> DNA
<213> Homo Sapien

<400> 219
cgggccttga agcatttttgc tctgtgctcc ctgatcttca ggtcacccccc 50
atgaagttct tagcagtctt ggtactcttgc ggagtttcca tctttctgg 100
ctctgcccag aatccgacaa cagctgctcc agctgacacg tatccagcta 150
ctggccttgc tgatgatgaa gcccctgatg ctgaaaccac tgcaactgca 200
accactgcga ccactgctgc tcctaccact gcaaccacccg ctgcttctac 250
cactgctcgt aaagac 266

<210> 220
<211> 264
<212> DNA
<213> Homo Sapien

<400> 220
ggcttgaag catttttgc tctgtccat gatcttcagg tcacccccc 50
gaagttctta gcagtcctgg tactcttggg agttccatc tttctggct 100

ctgcccagaa tccgacaaca gctgctccag ctgacacgta tccagctact 150
ggtcctgctg atgatgaagg ccctgatgtc gaaaccactg caactgcaac 200
caactgegacc actgctgctc ctaccactgc aaccaccgct gcttctacca 250
ctgctcgtaa agac 264

<210> 221
<211> 610
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 64, 185, 201
<223> unknown base

<400> 221
tgattttac acacccagg atttttgga attgaggaga cggttcaaga 50
gtttagcctt ggantggccc agtatccagg tcgaggttct gcagaagggtt 100
gtgacttttag taacatttt cttcttcgg ggacgtggcc tgcatggcta 150
tctgctcctg ccagtgtcca gcagocatgg cttntgcctt cctggagacc 200
ntgtggtggg aattcacagc ttccatgac actacctgca ttggccttagc 250
ctccaggcca tacgctttc ttgagttga cagcatcatt cagaaagtga 300
agtggcattt taactatgta agttcctctc agatggagtg cagcttgaa 350
aaaattcagg aggagctcaa gttgcagcct ccagcggttc tcactctgga 400
ggacacagat gtggcaaatg gggtgatgaa tggtcacaca ccgatgcact 450
tggagcctgc tcctaatttc cgaatggaac cagtgacagc cctgggtatc 500
ctctccctca ttctcaacat catgtgtgct gccctgaatc tcattcgagg 550
agttcacctt gcagaacatt ctttacaggt tgcccatgag gaaattggaa 600
acattctggc 610

<210> 222
<211> 612
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 17, 43, 70, 89, 92, 100, 194, 219, 229, 295, 327-328, 330, 334,
338, 344
<223> unknown base

<400> 222
cgaaggcttg ggcggangcg tgggcgcggg agtgcattggc agntttggtt 50
cccagacttg cccggaccn tttgcttcac ctccagctnt gntgctcctn 100
tactcttggg tcgagatccc tttggagcca cagcgaggaa ccctgtggtc 150

ctcaggcagg tgtacccgt gtcagcccag gagccctttt ttctntgtgtc 200
aaagcctgcc ctcgggctnt gtcacccnt ggtgaccctc ccaagatgcc 250
cctgccctca gttccccctc atgatctggc ctctgcccccc ttctnttagcc 300
acagccctttt agtacactttt agcaatnnnc accnngaanta gttnagatcc 350
cccaattcac caagcaagac atgcagttt atgcctctgt gccttcgctc 400
atgcttggtt cttccgaact tggaatgcct tcccctgctc ctccctgcctt 450
gtctgcctgg caagttcatc tctcacgatc ccctcaaagg cccccccttc 500
caggaaggca accccctgtgc ccctccccctc caggctaccc ctgcactttg 550
tcaatgcttc tcttgtggca cttatcacac tgtatttac ttgtttacat 600
gtttgtctcc cc 612

<210> 223
<211> 616
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 1, 21, 224
<223> unknown base

<400> 223
nccaatgcag ccctccgggt ntccgcgaag aagttccttg ccccgatgag 50
ccccccgcgt gcgtccccga ttatccccag gcggggcgtgg ggcaccgggc 100
ccagcgccga cgatcgctgc cgtttgccc ttgggagtag gatgtggta 150
aaggatgggg cttctccctt acggggctca caatggccag agaagattcc 200
gtgaagtgtc tgcgctgcct gctntacgcc ctcaatctgc tctttgggt 250
aatgtccatc agtgtgttgg cagttctgc ttggatgagg gactacctaa 300
ataatgttct cactttaact gcagaaaacga gggtagagga agcagtcatt 350
ttgacttaact ttcctgtggt tcattccggtc atgattgctg tttgctgttt 400
ccttatcatt gtggggatgt taggatattg tggAACGGTG AAAAGAAATC 450
tgttgcttct tgcattggta tttggaaagtt tgcttgcattttctgtgt 500
gaactggctt gtggcggttg gacatatgaa caggaactta tggttccagt 550
acaatggtca gatatggtca ctttggaaagc caggatgaca aattatggat 600
taccttagata tcgggtg 616

<210> 224
<211> 639
<212> DNA
<213> Homo Sapien

<220>
<221> unsure

<222> 28, 102, 105, 107, 157, 167

<223> unknown base

<400> 224

taagttcctg cattaaaacc atgctgtngc aattgagagc ttagctccac 50
ggttctcaaa gggaggtccc tggccaacag catcagcatc acctttagga 100
cntantngca atgcaaatta tcagggccct tcttcagact cactgaatca 150
gaaacctntgg gataggncua gcacgctgtg cttaacaag ctctaggtga 200
tgcccaattc atactcaagt gtgaggctga ctggcttatt tgaagggaga 250
gaaaggaaaca ggcacatggc gacatatcg catttacaca aggctgctg 300
ggtaaccata ggaacacac ttacggtt aaataggaaa caggcatcaa 350
tgcagagggc ccccaggaga atcaggaagg tcgcgactgt cactgtctga 400
gggcactgtt gtgaaacgt ggccgaaggt gacaaccaca gcaaagttc 450
aaggaagttc actgaaacgt ggaaaaaccc actcaatgtc ctgctctcat 500
ttatattttag tggcttaagt atttattttc ttgggtttt agaggaaggg 550
agggttggag gattctcaaa gcattcaaaa ggacaccata tgctggcagg 600
aaatattcaa gctttaatg gaataatgca atggaggtg 639

<210> 225

<211> 704

<212> DNA

<213> Homo Sapien

<220>

<221> unsure

<222> 45, 89, 96, 105, 115, 121, 141, 147, 178, 194, 205, 209, 233,
236, 245, 256, 284

<223> unknown base

<400> 225

tacccttggc cacttaagt ggagaaattt gaaatcaaga agttntcatt 50
ttgaagaagc acgagttcgg aagactttaa catgggtnt tcctnttgc 100
agccngtata cttntgtca nccagaaaact gtatttcat ntcagcntag 150
tgacgatgaa tcaagtagtg atgaaccngt aatcagccca gtcntgcctt 200
tagangacnc cgtgttagga agaagaccgt ttntgnntca gaatntgaag 250
accggntagt tgctgaacaa gaaactgaac cttnntaagga gttgagtaaa 300
cgtcagttca gtagtggct caataagtgt gttatacttg ctgggtgat 350
tgcaatcagc atgggatttg gccatttcta tggcacaatt cagattcaga 400
agcgtcaaca gttagtcaga aagatacatg aagatgaatt gaatgatatg 450
aaggattatc ttccccagtg tcaacaggaa caagaatctt ttatagatta 500
taagtcattt gaaagaaaatc ttgcaaggtg ttggacactt actgaagcag 550

agaagatgtc ctttgcact cagaaaacga accttgctac agaaaatcag 600
tatccaagag tatccctgga aaaggaagaa aaagccttat cctcattaca 650
ggaagagtta aacaaactaa gagaacagat tagaatattg gaagataaaag 700
ggac 704

<210> 226
<211> 627
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 30, 46, 51, 66, 90, 95, 179
<223> unknown base

<400> 226
ggcccccaac gggcccccgg ggtcggtttn ccgcgttggc catgantgcg 50
nccgtgttct ttcggntgcg cttcatttg cttcgggn tgcgntcgcc 100
ctttatgtct tcaccatcg catcgagccg ttgcgtatca ttttcctcat 150
cgccggagct ttcttctgg tggtgtctnt actgatttcg tcccttgg 200
ggttcatggc aagagtcatt attgacaaca aagatggacc aacacagaaa 250
tatctgctga tcttggagc gtttgtctgt ctatcc aagaaatgtt 300
ccgatttgca tattataaac tcttaaaaaa agccagtgaa ggtttgaaga 350
gtataaacc aggtgagaca gcaccctcta tgcgactgct ggcctatgtt 400
tctggcttgg gctttggaat catgagtgg a tttttctt ttgtgaatac 450
cctatctgac tccttggggc caggcacagt gggcattcat ggagattctc 500
ctcaattttt ctttattca gtttcatga cgctggtcat tatcttgctg 550
catgtattct gggcattgt atttttgtat ggctgtgaga agaaaaatgt 600
gggcatttc cttatcgat tcctgac 627

<210> 227
<211> 647
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 19, 36, 42, 65, 67, 101, 107, 112, 147, 224, 292
<223> unknown base

<400> 227
gaccaagggt ccgggttagt tacatatatt tggtnatgg tntaattata 50
gaccagggaaa gagcntnta tgtctccatc ttgatttccg tggcagccaa 100
ntgcctntat gnatatctcc acatcccagc ttttcataa taaatantac 150
atgctggttg ctcgtggatt gttggaaatt ggagcaggaa atgttagcagt 200

tgttagatca tatactgctg gtgntacttc cttcaggaa agaacaagtt 250
ccatggcaaa cataagcatg tgtcaagcat taggaaaaat tntaggtcca 300
gtttttcaga ctgttttac attccttggaa gaaaaaggtg tgacatggaa 350
tgtgattaaa ctgcagataa acatgtatac aacaccagg 400
ccttcctggg aattttaaat attattctga tccttgccat actaagagaa 450
catcggtgg atgactcagg aagacagtgt aaaagtatta attttgaaga 500
agcaagtaca gatgaagctc aggtccccca aggaaatatt gaccaggtt 550
ctgttgccc catcaatgtt ctgtttttg tgactctatt tatcttgcc 600
cttttgaaa ccatcattac tccattaaaca atggatatgt atgcctg 647

<210> 228
<211> 697
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 72, 75, 81, 92, 116, 135, 153, 157, 170, 248, 267, 271, 332, 498,
570
<223> unknown base

<400> 228
tgaaattatt aaaccaaaca aacaaacaaa aacccggaaat gcattgtata 50
ggattgcatg tgaagtcttt ntantgaat ntatatttcc anttgaagt 100
attttaagtt aacatntgaa ggcaggaaat gatnccttt ccagtaaaaa 150
gtntagntaa tttaattna ttagtgacac caccaagtgt tttgatataa 200
ctaaatttgt ggtaataaga ttgtctgcac ctgtattcat tgtgaaantt 250
cctcttcat tggaaantt ntactcaag aatgacggca gtattgttt 300
cttatatgtg caatgaagtg gaatggtaa cngtatgcc ttaaatttaa 350
aatgggttcc ttgttctgat gttgtttcct gaaatgattt ttcttcctaa 400
ctgtggttt cgggtatgca agcctaaatc ttgtacact ttgtctcaca 450
gaatagttct gaggctccat gacagggttt tgcattgtt gatgttang 500
ttgcttcgtt ttataaaaaa gccaaaattt tttccaatc caaacgttca 550
cctgtttcct ttcccaagn tataccagt taataccagt tacccgtgg 600
atccattaa tatgttatcc ccactaatta atttcgtat attatttcca 650
atatttggaa agcttttat agccattgg tatttcctat taccac 697

<210> 229
<211> 621
<212> DNA
<213> Homo Sapien

<220>

<221> unsure
<222> 90, 145, 189, 249
<223> unknown base

<400> 229
tttcaattt gccagttgt ggatgatgaa ttgacttaaa tcgaactaaa 50
ttggaatgtg aatctgcatt tacgaaggcat attcccaatn tgatgagcaa 100
tatgcttgcc atcttggttt ccagaatcag ttccattcg tgaantggac 150
aagaacaact tatgtccctg atgccaaaaa tgcacacctt ctttcctcta 200
actcttggtg aggtcattct ggagtgcacat gatggactcc gcacagagnt 250
tcataacctc ttcattggact tttatcttc aagccgatga cgaaaaata 300
gttatattcc agtttaagcc agaaatccca gtacgcacca catttggagc 350
aggagcctac aaatttgaga gaatcatctc taagcaaat gtcctatctg 400
caaatacgaa attcacaagc gcacaggaat tttcttgaag atggagaaag 450
tgcattttt ttaagatgcc tctctcttaa ctctgggtgg attttacta 500
caactcttgt cctctcggtt atggatttgc tttggatttg ttgtgcaact 550
gttgctacag ctgtggagca gtatgttccc tctgagaagc tgagttatcta 600
tggtgacttg gagtttatga a 621

<210> 230
<211> 864
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 654, 711, 748, 827
<223> unknown base

<400> 230
tcctgctgat gcacatctgg gtttggcaaa aggaggtgc ttcgagccgc 50
cctttcttagc ttccctggccg gctctagaac aattcaggtt tcgctgcgac 100
tagacctcag ctccaacata tgcattctga agaaagatgg ctgagatgac 150
agaatgcctt attttggaaa gaaacaatgt tcttaggtcaa actgagtcta 200
ccaaatgcag actttcacaa tggttctaga agaaatctgg acaagtcttt 250
tcatgtggtt tttctacgca ttgattccat gtttgcac agatgaagt 300
gccattctgc ctgccccctca gaacctctct gtactctcaa ccaacatgaa 350
gcattcttg atgtggagcc cagtgcgc gcctggagaa acagtgtact 400
attctgtcga ataccagggg gagtacgaga gcctgtacac gagccacatc 450
tggatccccca gcagctgggtt ctcactcaact gaaggtcctg agtgtatgt 500
caactgatgac atcacggcca ctgtgccata caaccttgc gtcagggcca 550

cattgggctc acagacacctca gcctggagca tcctgaagca tcccttaat 600
agaaaactcaa ccataccttac ccgacacctggg atggagatca ccaaagatgg 650
cttncacctg gttattgagc tggaggacct ggggccccag tttgagttcc 700
ttgtggccta ntggaggagg ggcgaacccc ttgcggcgca aggggttngc 750
gaacccttg cggccgctgg ggtatctctc gagaaaaagag aggcccaata 800
tgaccacat actcaatatg gacgaantgc tattgtccac ctgttgagt 850
ggcgctgggt tgat 864

<210> 231
<211> 595
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 59, 62, 82, 121, 425, 446, 523, 563
<223> unknown base

<400> 231
tagagcgaca gtggaagggg catgaccctc aatgaggacg gccttgttc 50
ctgggagng nttaaaaatt ccaacctacg gntacgttt agatgatcca 100
gatcctgatg atggattcaa ntataaacag atgatggta gagatgagcg 150
gaggttaaa atggcagaca agatggaga cctcattgcc accaaggagg 200
agttcacagc tttcctgcac cctgaggagt atgactacat gaaagatata 250
gtagtagcagg aaacaatgga agatatacat aagaatgctg atggttcat 300
tgatctagaa gagtatattg gtgacatgta cagccatgat ggaaatactg 350
atgagcccag aatggtaaa gacagagcga gacgagttg ttgagttcg 400
ggataagaac cgtgatggga agatngacaa ggaagagacc aaagantgga 450
tcctccctc agactatgat catgcagagg cagaagccag gcacctggc 500
tatgaatcag accaaaacaa ggntggcaag cttaccaagg aggagatcgt 550
tgacaagtat ganttatttgg ttggcagcca ggccacagat tttgg 595

<210> 232
<211> 460
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 90, 99, 147, 222, 234, 271, 412
<223> unknown base

<400> 232
accgccttca gttactccag gtagccccgt agcatttaaa gaacaaaatc 50
tgtccagtca aagtgatttt cttcaagagc cgttacaggn tacttctnt 100

ccagttactt gtagctcaaa tgcttgcttg gttactaccg atcaggnttc 150
ttctggatct gaaacagagt ttatgacctc agagactcct gaggcagcaa 200
ttccccagg caagcaaccg tnttcactag cttnntccaaa tcctcccatg 250
gcaaagggtct ctgaacaggg ntccagtca cctccagcaa gtagtagttc 300
agtaaccatt aacacagcac ctttcaagc catgcagaca gtatttaacg 350
ttaatgcacc tctgcctcca cgaaaagaac aagaaataaa agaatcccct 400
tattcacctg gntacaatca aagtttacc acagcaagta cacaaacacc 450
accccagtgc 460

<210> 233
<211> 660
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 7, 13, 31, 107, 127, 129, 131, 159
<223> unknown base

<400> 233
cggaanccc ganccggttg ccccgaaaa nccgtgcggc cccttccgtc 50
ccgttccat cttgccggg gttccagcac ctttgaagtt tttgcagcgc 100
ccgaaangga ggcgaggaag gaggantnt ntgagaggag ggagaaaaaa 150
gcttcaccnt aaaacattt a ttcaaggag aaaagaaaaa gggggggcgc 200
aaaaatggct ggggcaatta tagaaaacat gagcaccaag aagctgtgca 250
ttgttgtgg gattctgctc gtgttccaaa tcatgcctt tctggtgaa 300
ggcttatttgc ctccaggccc cacaacggca gtgtcctaca tgtcggtgaa 350
atgtgtggat gcccgtaa accatcacaa gacaaaatgg ttcgtgcctt 400
ggggacccaa tcattgtgac aagatccgag acattgaaga ggcaattcca 450
agggaaattt aagccaatga catcggttt tctgttcaca ttccctccc 500
ccacatggag atgagtcctt gttccaatt catgctgttt atcctgcagc 550
tggacattgc cttcaagcta aacaacccaa tcaagaaaaa tgcagaagtc 600
tccatggacg ttccctggc ttaccgtgat gacgcgttg ctgagtggac 650
tgaaatggcc 660

<210> 234
<211> 564
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 71
<223> unknown base

<400> 234
tttgttcccc gggaccttgg tggcagttct gcagccacag aggcagtggc 50
gattttgaca gccacatacc ntgtgggtca catgccatac ggctgggtga 100
cgaaaaatccg tgctgtgtat cctgcttcg acaagaataa ccccagcaac 150
aaactggtga gcacgagcaa cacagtcacg gcagcccaca tcaagaagtt 200
caccttcgtc tgcatggctc tgtcaactcac gctctgttgc gtgatgtttt 250
ggacacccaa cgtgtctgag aaaatcttga tagacatcat cggagtgac 300
tttgcccttg cagaactctg ttttgcctt ttgcggatct ttccttctt 350
cccagttcca gtcacagtga gggcgcatct caccgggtgg ctgatgacac 400
tgaagaaaac cttcgtcatt gcccccaagct ctgtgctgcg gatcatcgac 450
ctcatcgcca gcctcgtggt cctaccctac ctgggggtgc acggtgac 500
cctgggcgtg ggctccctcc tggcgggctt tgtggagaa tccaccatgg 550
tcgccccatcgatcg 564

<210> 235
<211> 461
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 34, 196-197, 307
<223> unknown base

<400> 235
cgacgcgtg ggttaaaaaa ttactcataa tcgntccatt gataatacta 50
aattttagttt cccctgtctt tagtgtctaa ttgtcagcca gaaaattagg 100
aatctgttgc acttgatttt taagtaactt atctaaaact atgtgccatt 150
ttaacagtga gcattactta gttgcatttt ccaaatttat tattnntca 200
tttcttaact gtagactatt atttcaaaat tttaaattta gttttgatg 250
tttagagaa atgaagccac agtggcttag cacatcttg ttttctatt 300
atttatntat tttttgaga cagagtcttgc ctgtgttgct caggctggag 350
tgcagtggtg cgatctcagc tcactgcaac ctctgcctcc cgggttcaag 400
tgattttcat gcctcagcct cccaagtagc tgggattaca gacacctgcc 450
accatgtccg g 461

<210> 236
<211> 307
<212> DNA
<213> Homo Sapien

<220>
<221> unsure

<222> 93
<223> unknown base

<400> 236
gaggtcatct ccatttcattc ccggataaaat gagttatgcaa ggaacgtttt 50
tataggcatt ttggagatca aagatggta gaaaagatgc tgntactata 100
aaacttcctg ttgatcagta cagaaaaacaa attggtaaac aggattataa 150
aaaaactaaa cctatttac gagctaccaa attaaaagca gaagcaaaga 200
aaacagcaat aggataaaag gaagttggcc ttgtacttgc agctatattg 250
gcactactac tggctttcta tgcttcttt tatctcagac tcaccacgga 300
aatgttg 307

<210> 237
<211> 468
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 53, 67
<223> unknown base

<400> 237
cgggggaaacc cgagccgggtt gcgcgggggg aatccgtgcg ggccgcctcc 50
gtncgggtcc catcctngcc gcgcgtccagc acctttgaag tttgcagcg 100
cccagaaagg aggcgaggaa ggagggagtg tgtgagagga gggagcaaaa 150
agtcacccct aaaacatttta tttcaaggag aaaagaaaaa gggggggcgc 200
aaaaatggct gggcaatta tagaaaacat gagcaccaag aagctgtgca 250
ttgttgtgg gattctgctc gtgttccaaa tcatgcctt tcttgtggg 300
ggcttgattg ctccagggcc cacaacggca gtgtcctaca tgtcggtgaa 350
atgtgtggat gcccgttaaga accatcacaa gacaaaaatgg ttcgtgcctt 400
ggggacccaa tcattgtgac aagatccgag acattgaaga ggcaattcca 450
agggaaattg aagccata 468

<210> 238
<211> 490
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 19, 110, 128, 151, 215, 229, 268, 274, 282, 343, 363, 383, 489
<223> unknown base

<400> 238
tccataatga ccgtgtggnt gtccacagcc ccgacagagc cccctgaccc 50
aattgtacca ggtgcgggtgc ctgttccagt caccattgtt cgccaaggca 100

ggggacacgn tttcagggac atgttgntt attgccaaca aaagacagag 150
ntacgacatc agtattgtgg cccaggtgga ccagaccgc tccaagtcca 200
gtaacctcct ggatntgaaa aacccttnt ttagatacac gggcacaacg 250
ccctcaccccc cacccggntc ccantacaca tntccctcg 300
gaacacgggc agcacctaca acctcagcag cgggatggcc gtngcaggga 350
tgccgaccgc ctntgacttg agcagtgtta ttnccagtgg ctccagcgtg 400
ggccacaaca acctgattcc tttagggtcc tccggcgccc agggcagtgg 450
tggtggcagc acgagtgccc actatgcagt caacagccng 490

<210> 239
<211> 583
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 37, 53, 71, 79, 89, 100, 166, 258, 260, 302, 327, 334
<223> unknown base

<400> 239
ttccccataat gggttgtttg acccccattc cggttgntaa gtgggttttc 50
ccnatcatcg gccaaattgg natttcana tccacaggg tcattggan 100
tttgggggcc cctaatttg ttcagacagg ccgggaggca gtttgcaga 150
aggattctta agtaantgac ccagccctt gccccaccc ctgggttacc 200
gagacatggg tagggattag agcaagagtt gagagtca 250
accacatntn tggaccttca gaaggaggac aacatggcct ttggaaagcc 300
tnccaagtac tggaaagtgg accctgntca ggtntatgtc agcgggccc 350
acgcattggga cacggctgtg cacgacgcct ctgaggagta caagcaccgc 400
atgcacaatc tctgctgtga caactgccac tcgcacgtgg cattggccct 450
gaatctgatg cgctacaaca acagcaccaa ctggaatatg gtgacgctct 500
gtttcttctg cctgctctac gggaaagtacg tcagcggtgg ggccttcgtg 550
aagacctggc tgccattcat ctttcctcg ggc 583

<210> 240
<211> 546
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 25, 57, 97, 254, 341
<223> unknown base

<400> 240
tttttcaggg agaattttga ggctntgttg agaatcatgc tttggaggca 50

gctcatntat tggcaactgc tggcttgtt tttcctccct ttttgcntgt 100
gtcaagatga atacatggag gtgagcggaa gaactaataa agtggtggca 150
agaatagtgc aaagccacca gcagactggc ctagcggtt ccaggaggga 200
gaaagtgaga gagcggagcc atcctaaaac tggactgtg gataataaca 250
cttnacaga cctaaaatcc ctgagaccag atgagctacc gcaccccgag 300
gtagatgacc tagccagat caccacattc tggggccagt ntccacaaac 350
cgaggacta cccccagact gcagtaagtg ttgtcatgga gactacagct 400
ttcgaggcta ccaaggcccc cctggccac cggccctcc tggcattcca 450
ggaaaccatg gaaacaatgg caacaatgga gccactggc atgaaggagc 500
caaagggtgag aagggcgaca aaggtgacct ggggcctaga ggggag 546

<210> 241
<211> 546
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 126
<223> unknown base

<400> 241
ggtgatctga aagatagcca aggattttc agaacacaag aaaaaagagg 50
gatgaaaagt gaaaaagaaa ttagaagata tggataataa atcccaggag 100
aggtatatg catccaatca aacatntaat agaaaatttc ctacagggaa 150
taaaagaaaa agattcttaa gatcgaaagg gccagttgt agtggtaccc 200
aggaggaagg agtggtttt cacccagata tatcctggt aaatttctga 250
attctgcagc ttacaagaaa attctgaact cttccaggaa agaacaagct 300
atgtacaaag gaataagaat cttattcatt acactaaaga caatgcttt 350
gatcattgtc tatacttatg tgtatTTGA acctagaatt ccgtactcag 400
cccaactgtc atttatgtat gagaacaaaa ttaactttt ggaatttgca 450
gactcatatt ctTTTCGAAA aaaatactgt gggatgtacc aaaacaaaaa 500
aataagtcaa gaagcaacaa ctcaaggcat aagaaacagt agcgag 546

<210> 242
<211> 549
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 100, 121
<223> unknown base

<400> 242

ttccagagag cccttgagaa gaccaaggc aaagtgagca tgaggttctc 50
ctctctctgc ccaccctcca cgtccactgc ctctggccgc agacccagcn 100
tcgtgatcga tgggagaagc ntggcctacg ctctcgagaa aaacctggag 150
gacaaattcc tottccttgc caagcagtgc cgctccgtcc tctgctgtcg 200
gtcgacgcct ctgcagaaga gcatggtgt gaagctggtg cggagcaagc 250
tcaaggccat gaccctggcc ataggtgatg gagccaatga tgtcagcatg 300
atccaggtgg cagatgtggg tgtggaaatc tccggccagg agggtatgca 350
ggcagtgtat gccagcgact ttgcagtgcc gaaattccga tacctggaga 400
ggctcttgc tcttcacggg cattggtgct actcccgact tgccaacatg 450
gtgctgtact tcttctacaa aaacacaatg ttcgtggcc tcctgtttg 500
gttccagttt ttctgtggct tctctgcatac taccatgatt gaccagtgg 549

<210> 243
<211> 549
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 97, 120
<223> unknown base

<400> 243
ttcccgacga ggatcctgtc cctggaggct gtaatttggaa gttcgattta 50
gatattgatc ccaacattta ctggaggtat aatttctttg aaacgantat 100
caagtttgcc ccagcaaach taggctatgc gagaggcgta gatccccac 150
catgtgacgc tggcacagac caggactcca ggtggaggtt gcagtatgat 200
gtctatcagt attttctgcc tgagaatgac ctcactgagg agatgttgct 250
gaagcatctg cagaggatgg tcagtggtcc ccaggtgaag gccagtgctc 300
tcaagggtgt taccctaaca gctaattgata agacaagtgt ttccctctcc 350
tccctcccg gacaagggtgt catatacaat gtcattgttt gggaccgg 400
tctaaataca tctgctgcct acattcctgc tcacacatac gcttgcagct 450
ttgaggcagg agagggttagt tgtgcttccc taggaagagt gtcttccaaa 500
gtgttcttca ctcttttgc cctgcttggc ttcttcattt gtttcttg 549

<210> 244
<211> 448
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 22
<223> unknown base

<400> 244
attcttaagt cagttgatcc anttattcat tcataaaata ttgattgaga 50
acctaactgtg tgccaagtgt tattttaggc cctgggacca agtaataaaat 100
aagaggacac aggccatgca ctcacggagc ttctgtttc cttggcagag 150
cagacatggg gcagggttgt ctgagggct cctcaggatg gtgtggtctg 200
tgctggttgt ggttgtcttg acaggttggg cctcatgggc agatggtacc 250
tgtcagggcag ggagtgtggg ggcaaccagg atgaacagtt ataagaccat 300
ttcttaatact tgtatTTTT tttctccctag gaaaaaatg gaagaaaaag 350
ccaaattata tgaaaaaaatg actaaaggag actttataga tgaagaagta 400
gaggatatgt accttgcgaa tttcacacag aagatcatag acaagcgc 448

<210> 245
<211> 567
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 3, 35, 49, 81, 106, 146, 152, 227, 239, 293, 308, 358, 427, 448,
476, 480, 566-567
<223> unknown base

<400> 245
ggntaccgcga aggccaaagct tttaacaat ttgnntttgt aatcaatng 50
taattcatga tgaattattt tgactaatgg ntggccgaag gccaaagctt 100
taattntaat aggtaatgtt cttctttgtt cttattgaaa caatgngaat 150
antctgtgca tttcaaattgc actccgatta tgctgtgggtt ttattcacat 200
aagcacaata tggttttat ttataanttc ataacaaant tataatataa 250
taatttacct tagcagacat gcaaaagctt attctgtgtt ganttacttt 300
ctttaagnat ataataaaaa aataaaatatg tatctaaaaa atctataata 350
aaacatnng aattaaagat atgtgtttt tattttgcag atgagttcat 400
ttgcttctgtt agatgtgttt tcagagntag gtacagagga atgtttgnta 450
ccttttagcgg tgaaaaaaaga aagagngtcn agaattttgtt tggattgtgt 500
ttgtgtgtgc atatatttga tatcatcatc atacattgta atcttggac 550
ttgttaatcat agcctnn 567

<210> 246
<211> 539
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 33, 100, 115, 153, 158, 185, 194, 263, 273, 286, 325, 371, 400,

404, 410, 454, 458, 485, 508, 539
<223> unknown base

<400> 246
ttcccactgt aatgccaaat gatccatagc ctnttcagat tccttataaaa 50
attnaaacca agagaggaga ggaaaggta aattttctgt aatgacctn 100
tgcttaatag tcttnagaa aaaggaaagg tgatgagcaa ataaaggaac 150
ttnttagant tacatgacta ggctgataat cttantttt agnntctat 200
acagtttaatt ctataaattc tctttctccc tctcttctcc aatcaagcac 250
ttggagtag atntaggtcc ttntatctcg tccctntaca gatgtatTTT 300
ccacttgcatt aattcatgcc aacantggtt ttcttaggtt tctccatttt 350
cacctctagt gatggcccta ntcatatctt ctctaatttgc gtcctgatan 400
ttgnntcgtn tcacgtttc ccattccct gtggctcact gttttacaat 450
cacngctntg gaatcatgat accacttta gctcnntgca tcttccttca 500
gtgtattntt gttttcaag aggaagtaga ttttaaatin 539

<210> 247
<211> 508
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 9, 38, 45, 78, 469
<223> unknown base

<400> 247
cgaggcctnt gcaggaggag cttttcggtc ctggccngaa ttttntgcag 50
gccccacgag tggaggtgc tgagccgntc aggttctccc ttttgcact 100
ggaatcagga gaatgttgca gaggaatttgc attcctggta acaagataac 150
ccagcaagac tcagactgct aacccaagga tcaactattt aggccagaca 200
gatgggaccg tgttcagaat tcacacaaaa gctgaaggat ttatggatgc 250
ggatataacct ctggaatttg tgttccattt gccagtcaat tatccttcat 300
gtctacctgg tatctcgatt aactctgaac agttgaccag gcccagtgt 350
gtgactgtga aagagaattt acttgagcaa gcagagagcc ttttgcgg 400
gcctatggtt catgagctgg ttctctggat tcagcagaat ctcaggcata 450
tcctcagcca accagaaant ggcagtgcc gtgaaaagtgt tacttttca 500
acaagcac 508

<210> 248
<211> 540
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 85, 100, 104, 133, 156, 395, 468
<223> unknown base

<400> 248
tcgggtttc ggagcagtt tcgaatggac agctccgtgg aggaggatga 50
acttatgtta aatgaaggtt agagtttgg gcatntttag ccccccttgn 100
tctntgacag ctctgtgtct tgtctttggc ctntatccac ctcccttccaa 150
gacaantgat gataagacca gcggctttaa gaaatgtgaa accaagtcaa 200
ttgtgtcattc gtccatcagt gctttacat tgcctgtgat caaaattaat 250
aactgtgtta ttgatgagcc cagtagat aacatcactg aagatgctga 300
caacccaaa agtaggtcaa ggaatttgc aatggattcc cttgtggttc 350
ctttgcccaa caccagtgaa tccttccagc ccgtcagcac agtgnatcca 400
aggaataatt ccattgggg gtcgttgtcg agtcagtaca agtcatctat 450
ggctctcgga cctggggntg gacagctt gtctcctggg gctgccagaa 500
gacagtttgg gtccaaataca tccttgcatt tgctctcgac 540

<210> 249
<211> 618
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 12, 66, 90, 187, 263, 311, 508, 511, 547, 555, 610
<223> unknown base

<400> 249
tccttacaag gnccgtgtaa catgacactg ttaatgattt cattggctt 50
gctgtggggg catttnttgc ggatcaaacc cacgcagagn gtttcattt 100
tccaaatgttc tgccttgc aagcacaccc cttgtgtcoca ggttccatcat 150
gggcagtgct cggggtgaca aagaaggcga cattgantac agcaccgtgc 200
tcctcggcat gctggtgacg caggacgtgc agctcgggtt ctcatggcc 250
gtcatgccga ctntcataaca ggcggcgcc agtgcattttt ctagcattgt 300
cgtggaaattt ntccgaatcc tggttttgat tggtcagatt ctttttcac 350
tagcggcggt ttttcttttta tgcgttgtt taaagaagta tctcattgga 400
cccttattatc ggaagctgca catggaaagc aaggggaaaca aagaaatcct 450
gatcttggga atatctgcct ttatcttattt aatgttaacg gtcacggagc 500
tgctggangt ntccatggag ctgggtgtt tcctggctgg agcgctngtc 550
tcctntcagg gccccgtggt caccgaggag atcgccaccc ccatcgaacc 600
catcccgccan ttccctggc 618

<210> 250
<211> 626
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 33, 35, 67, 70, 91, 114, 133, 143, 177, 267, 394, 421, 447, 484,
536, 540, 561, 569
<223> unknown base

<400> 250
caacttacct gaaaatgcgtt attgaatgca cgnngngaaa atccttgggt 50
tccaggatga cacctantan tgcagtttgta ttggcagaat ngtcgatacg 100
atggctggca aatntcctgg tcccttccc aantgtgact ggngattcaa 150
tgagttcccc aaccaggatgg cccatgntct ccatgttact tgtgtggagc 200
tcatggcctt ggcagttca ggcaaagaag ttggaaatgc cttctaaat 250
gttgtcctaa aaagtcnccc tttagtgcca agagagaaca ttgcagcatg 300
gatgaatgca attggtttgta tcatactgc cttaccagag ccatattgga 350
ttgttcttca tgatcgaatt gtgagtgta tcagcagccc cagnntgacg 400
tctgaaacag agtgggttgg ntatccattc cgccttttg atttcantgc 450
ctgtcatcag tcctactctg agatgagttg tagntatacg ttagctttg 500
cacatgctgt gtggcaccat tttagcatcg gacaanttn tctcattcca 550
aagttctta ntgaagtant tcttcctata gtgaagaccc aattccagtt 600
gttttatgtt taccatcttg ttggac 626

<210> 251
<211> 602
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 34, 80, 94, 300, 388
<223> unknown base

<400> 251
gaagggcatt ttcagggagc agaatgacaa gacntattgt caacccttgc 50
tcaataagct cttcccactg taatgccaan tgatccatag cctnttcaga 100
ttcccttata aaatttaaac caagagagga gaggaaaggg taaatttct 150
gttaactgacc ttctgcttaa tagtcttata gaaaaaggaa aggtgatgag 200
caaataaagg aacttttaga ctttacatga ctaggctgat aatcttattt 250
tttaggcttc tatacagtttta attctataaa ttctctttct ccctctcttn 300
tccaaatcaag cacttggagt tagatctagg tccttctatc tcgtccctct 350

acagatgtat tttccacttg cataattcat gccaacantg gttttcttag 400
gtttctccat tttcacctct agtgatggcc ctactcatat cttctcta 450
ttggtcctga tacttgttgc tttcacgtt ttcccatttc cctgtggctc 500
actgtttac aatcactgct gtggaatcat gataccactt ttagctctt 550
gcatcttcct tcagtgtatt ttgttttc aagaggaagt agatTTAAC 600
tg 602

<210> 252
<211> 455
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 48, 251, 266, 352, 391
<223> unknown base

<400> 252
atTTGTTGT ataataataat acatataAGAT agaggGGGCGA taatataANTG 50
gtAGACAAAG aatGCAGGAA atGCCCTTAT tcATCACACC accaAGCAGG 100
cCTCACCCta aAGACCCAGC AAAAGTAACA AAAGCACATT tggAAACCCA 150
gGAAGCCAGT AAAAGTAAAT cTAAAGGCTG acAGGGTGTa cATTATTATG 200
tatGTGCAAT atAAATCAAa ttCAAAGCTG ttttCTCTTA aATTTGATA 250
ntTATAGAGA cAGGANTTC cATGGGAAT ttCTTCCCC ttACTATATA 300
atTTTATTAC tagAAGGAAA agTAATAGCA atGATAATAA tGAACAGACT 350
tnGTGTCttt attACATTG CTTCTCTAGT tacCTTAgA ntGTCACTC 400
tgAGTCTTT CTCTGACATG CTTTCTTT CTCGTGAAGC gtCTTACATT 450
ctgac 455

<210> 253
<211> 461
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 6, 10, 30, 115, 198, 210, 229, 289, 291, 325, 333, 338, 377, 391,
401
<223> unknown base

<400> 253
aATTNTATN tacATTTGTG ataATATAgn tagTGCGTAA gaATATTCC 50
ccaAGGTcAG ttaAGCAAGA tttCTTATG atCATCATTG cCATGAACtt 100
tcaaACATAG CGATNTTGTG AAAACAGTGC CTGTTAATT ACAATGTTA 150
cCTGAACAG ttGTCAAGTG tgATTTTAT aAGGAGTTGG tatGTTNTA 200
agCAGTTATN tactTGATCT ttTAATANT gggGTtaAGG gaaACCTGCT 250

tacagcatca cctattttc attcaaatgg cacataatng ngcatgtgta 300
acagttgtgt acctttgtgg ggttnnnntt ttntttgnnt ttcttttga 350
gacagggttt cgttctgttg cccaaagtgg agtacagtgg ntcgatctca 400
ntgcaacctc caccccccaag gctcaagtga ttctttcacc tcggcctcct 450
gagtatccgg g 461

<210> 254
<211> 497
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 19, 191, 232, 304, 340, 342, 357, 400, 403, 423, 447, 476
<223> unknown base

<400> 254
cagcgaatgt tggggAACnt gattcggcct ccatatgaaa ggccagagct 50
ccccacatgt ctctatgtaa ttgggctgac tggcatcagt ggctctggga 100
agagctcaat agctcagcga ctgaagggcc tgggggcgtt tgtcattgac 150
agtgaccacc tgggtcatcg ggcctatgcc ccaggtggcc ntgcctacca 200
gcctgtggtg gaggcctttg gaacagatat tntccataaa gatggcatca 250
tcaacaggaa ggtcctaggc agccgggtgt ttgggaataa gaagcagctg 300
aagnactca cggacattat gtggccaatt atcgcaaagn tngcccgaga 350
ggagatngat cgggctgtgg ctgagggaaa gcgtgtgtgt gtgattgatn 400
ccnctgtgtt gcttgaagcc ggntggcaga acctggtcca tgaggtntgg 450
actgctgtca tcccagagac tgaggntgta agacgcattg tggagag 497

<210> 255
<211> 913
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 39
<223> unknown base

<400> 255
cattatcaac ccagcgccac tcaaacaggt ggacaatanc agttcgtcca 50
tatttagtat gtgggtcata ttgggcctct cttttctcga gagatacccc 100
agcggccgca aggggttcgg ggtgataata gatcaatgtg ttggaaagtga 150
tggggatgga gaggcgagtc ccactggcga tccgcagcag gatgccatc 200
agagagaagc tggggcttcc caggacagca tagaaaggct ccacccgggc 250
tggatgtcc aggaccatcc cticattctt aaaatggca acgagaaacc 300

aggagacgtc cacctcacct tggagggaga tgaagtgggg gaggtggatt 350
tcggcgacag cctcctctgg ctctgcagtg acatcaaaca aggggccgc 400
caccagccac tgttcatggt gctgcaggc cagggccagg tgctgactcc 450
aggaaccaaa cgcaatcgtc actgtgacct catcccttac caggaagccg 500
aggcctgtgg ctgaccacag ataccagcca gcagtggga accaaacgct 550
gtatctgttt gtgcttttat caatcaactc aacatccaca ttcccttcag 600
gccccagaaa ctgacgattt ttataatctt ctgcgtatctc aaaacagact 650
ttagaagcat aagagggaaac tatttgattc tcttctgagc aaatgtctcc 700
tgaatcttgt ccctctgaag attcctgctc ttctgataca ctggaatgt 750
cccccccaaga tagttgacac tcaggaacag cacgaaacaa taatggctct 800
gcctctgtct catcatcttc ttggaaaaaa tgtgagcgga cgcgtgggtc 850
gaggtcgagg gatctctaga ggatccggcc agtgtggcct atcgatagct 900
tggagtttat tgt 913

<210> 256
<211> 518
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 28, 82, 190, 205, 355, 382, 445, 484, 491, 498, 502
<223> unknown base

<400> 256
tggggatcct tggaccttgg acccaggnct ccgtggacgc ttggtagaaa 50
gatggcggag caagagcaag gaaaaatccc tntggttcca gaaaatctcc 100
tgaaaaagag gaaggtttat caagccctca aagccaccca ggcaaagcag 150
gcactttgg caaagaagga gcagaagaaa ggaaaagggn tcaggtttaa 200
gcgantggaa tcattcctac atgattcctg gcggcagaaa cgtgacaagg 250
tgcgtctcag acgactagaa gtgaaacctc atgccttgaa attgccagat 300
aaacattcct tggcctttgt tgtacgcattc gaaaggatttgc atggcgttag 350
tttattggtg cagagaacca ttgcaagact tngcctaaag aaaattttta 400
gtgggtgtctt tgtaaaagtc acccccccaga atctaaaaat gctgngtata 450
gtggAACCTT atgtgacctg gggatttcca aatntgaagt ntgtccgnnga 500
antcattttg aaacgtgg 518

<210> 257
<211> 301
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 44, 55, 60, 81, 172, 194, 225, 268, 279
<223> unknown base

<400> 257
tggccagaat gtgaatgtat tgaatggagt gagagaagaa atgntgtggc 50
atctnttgn gcaggtataat tgtttttac nggctggtgg ataatgattg 100
atgcagctgt ggtgtatcct aagccagaac agttgaacca tgccttcac 150
acatgtggtg tattttccac antggcttc ttcatgataa atgntgtatc 200
caatgctcag gtgagaggtg atagnatga aagcggctgt ttaggaagaa 250
caggtgctcg agtttggntt ttcatggnt tcatgttcat gtttgggtca 300
c 301

<210> 258
<211> 545
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 18, 34, 61, 114, 157, 190, 193, 201, 280, 331, 389, 403, 422,
428, 488
<223> unknown base

<400> 258
atcatatggg cacaatntg gtgtcctta tggngaaaac ctcaagtaaa 50
agttttattc ntgccttga aaatggttcc aaaagtagac cctgtcccc 100
cacaggtcaa gacnacagag aaggcttgc agaaatgtgt cacctatgta 150
cacctgntac ttacacattt cctctttgg aaaaatgagn tanttagaat 200
nacaagaaaa ttaagacata ctggcctggt gccagcagat ggctttcta 250
tagacaaact aggttagtgt ggaagattn ggttaaaaata aactatgctg 300
ttttatttat cttcccaacc tgattggcag ntagacttt ttaggtctc 350
atuttaatggc cctgttttt tcattattat atttaatgnt agggcaggat 400
ttngtatgca agctcttgtt tntcaggntg cctgcagaag aagtcgctat 450
aaattatctg ttgtctacat ggtacaaggc ccattgantc atctgatgct 500
tggtttgtta atttctttaa tatttttatac acggggcagt gggag 545

<210> 259
<211> 535
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 12, 27, 30, 35, 177, 190, 212, 238, 272, 303, 386, 514
<223> unknown base

<400> 259
aatggcggtg tntacagtgt tctgganttn gtcgntgatg cttgctctgt 50
caaggcacag cctattgtct ccttgcgtca gtgtgacatc attcagacgc 100
ttttacagag gtgacagccc aacagattcc caaaaggaca tgattgaaat 150
cccttgcct ccatggcagg agagaantga tgaatccatn gaaacccaaa 200
gagccgcct gntctatgag agcagaaaaga gggaatntt gaaaaagtgc 250
caggtagtgg agtaaaaaaag gngacagttt attttttat tctatgtgca 300
canttacagt atacatataat atttatataca caatttacga aacccaaaag 350
ttgagttcc aatggaaccc ttgttttta ataatngact ttttaaatgt 400
gatcaagact ataatattgt acagtattta tagggctttt gggaaagggg 450
aggatagcga gaagatgctc tgggggtttt gttttgctt ttccttcagg 500
gttttatttt tgantgtttt gttttttgt tggcc 535

<210> 260
<211> 519
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 11, 69, 150, 224, 229, 254, 354, 371, 396, 420, 429, 433, 475,
483, 486
<223> unknown base

<400> 260
tggatttata ntttttttct atgttagttac tataaaagtg tgctggattt 50
gaccaatcct taccccccant ataaagagaa cccgtgatga cttagttta 100
aaaattgtgg aaattgtgga gcaatttttc tcacaatgtg agaaaaattn 150
taaaccatata tagataatgt ggaagtcata ttgtctatca tatatactgc 200
cattaaaaaa tagttttta aaanttagnt aagtcttaag taatttgccg 250
ttgntaataa ttttatctcc ttgagtcggt tgttggggag agatgttata 300
ttcaataatt tttagttatt ttgtaatgca gagtgtttac tcatttcaca 350
gttntgcaat ggatgttagta ntttggatt gccctgtcca gaaaanttc 400
aggtacacac cttaaaaggn aaatgtttnt atntcagatg aaacatgtaa 450
tttgggatgg ttcttccttt gtcantaaa ggnagnntaggg aaaagtctct 500
tacccacttt aaacatgag 519

<210> 261
<211> 407
<212> DNA
<213> Homo Sapien

<220>

<221> unsure
<222> 30, 40, 58, 102, 104, 148, 171, 190, 201, 226, 243, 295, 302,
332, 360, 380, 383
<223> unknown base

<400> 261
tctgtggta acggggtcat cttaaatgn ttggccgtgn ttgcctgtc 50
atccccacntg agaaccatgc tcaccgaccc tggggcagta cccaaaggaa 100
angntacgaa agaatacatg gagagttgc agctgaagcc cggggaaantc 150
atttacaagt gccccaaagtng ntgctgtatt aaacccgagn gggcccacca 200
ntgcagtatt tgcaaaagat gtatnngaa aatggatcat cantgcccgt 250
gggtgaacaa ttgtgttagga gaaaagaatc aaagatttt tgtgntcttc 300
antatgtata tagctctgtc ttcaagtccat gntctgatcc tttgtggatt 350
tcagttcatn tcctgtgtcc gagggcagtn gantgaatgc agtgatTTT 400
cacctcc 407

<210> 262
<211> 513
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 25, 35, 37, 64, 182, 211, 263, 329, 398, 410
<223> unknown base

<400> 262
cattcttcaa ccacttaatc ctcttttgac aacantngta gaacagaatc 50
ctgaagatat gggngaccta tacctagatg ttgctgaagc ttttctggat 100
gttggtgaat ataattctgc acttccccctc ctcagtgcgc ttgtttgctc 150
tggaaagatac aaccttgcag tagtttggtc tngtcatgca gaatgtttaa 200
aggcctttagg ntatatggag cgagctgctg aaagctatgg caaggtggtt 250
gatctggccc cantccattt ggatgcaagg atttcacttt ctacccttca 300
gcagcagctg ggccagcctg agaaagctnt ggaagctctg gaaccaatgt 350
atgatccaga tactttagca caggatgcaa atgctgcaca gcaggaantg 400
aagttattgn ttcatcggtc tactctgttgc ttttcacaag gcaaaatgta 450
tggttatgtg gataccttac ttactatgtt agccatgctt ttaaaggtag 500
caatgaatcg agc 513

<210> 263
<211> 650
<212> DNA
<213> Homo Sapien

<220>
<221> unsure

<222> 37, 62, 71
<223> unknown base

<400> 263
ttgagacctg gatgaacaaa tttatatcct ttccttngag gaagaagcac 50
tccagagacg antaaatggg ntgtttcat cggtggaaa caacataatg 100
gagtttggaaac agaacttggaa aatgtaaaga ctcttaagac aaaatttagag 150
aggcgaaaaaa aggcttcagc atggggaaaga aatttgggtt atcccgctgt 200
tatggttctc cttcttattt agacatccat ctgggtcctc ttgggtggctt 250
gtaatattct ttgccttattt gttgatgaaa cagcaatgcc aaaaggaaca 300
agggggcctg gaataggaaa tgcctctctt tctacgtttt gtttgggg 350
agctgcgtttt gaaatcattt tgattttcta tcttattgggt tcctctgtt 400
tcggcctctt tagccttcga tttttggaa actttactcc caagaaagat 450
gacacaacta tgacaaagat cattggaaat tgtgtgtcca tcttggtttt 500
gagctctgct ctgcctgtga tgtcgagaac actggaaatc actagattt 550
atctacttgg cgactttggaa aggttaatt ggctggggaaa tttctatattt 600
gtattatcct acaatttgct ttttgctattt gtgacaacat tgtgtctgg 650

<210> 264
<211> 441
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 79, 106, 160
<223> unknown base

<400> 264
tttttttgtt agagatgggg tttcgccatg ttgccccaaagc tttttttttt 50
ctccccggctt caagtgtatcc gcctccctng gcctcccaga gtgtttttttt 100
tacagnncacg gaccaccatg cccagccctcc acatctttt ttgcactgtt 150
tatactcttn tgagacatgc caacttcctc caggtcaaga aagggtata 200
tagctctcag cttcaactttt tcagggttga tttttttttt gcctttttttt 250
acttcactga cctgttttattt cctacaacttgc tttttttttt gagaaggccctc 300
aatgatcagg attgacaggc cacactctcc cccaccattt tttttttttt 350
cttcaaggctt cttgtttttt tcaccctttt ccacccggggaa ggctgggg 400
ttatttgactt cttcaccttgc attgacccatc ttccctccca c 441

<210> 265
<211> 201
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 21, 39, 67
<223> unknown base

<400> 265
tgagatctt ttctctaatt ntcagaagtg tttcaatgnt attaattcat 50
tatttcctcc tctctgnntt tttttaatt ccctgtctgg ggaatcctgt 100
tatcctgata tgagcactct acttcttattc tccatagcac ttagctcctt 150
taaaaatatt ctctttgttc tctacttctg cttctggga gagtttctca 200
g 201

<210> 266
<211> 301
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 94, 128, 146, 167, 232, 257
<223> unknown base

<400> 266
tttttttttc aagtcttgat ttgtggctta cctcaagtta ccattttca 50
gtcaaggctg ttgtttgct tttcagaaa tgtttttac aatntcaaga 100
aaaaatatgt cccagaaatt gagtttgc ttgcttgc tatggantcat 150
ttggggattt atgttgc actatacttt tcaacaacca agacatcaa 200
gcagtgtaa gttacgtgag caaatactag anttaagcaa aagatatgtt 250
aaagctntag cagaggaaaa taagaacaca gtggatgtcg agaacggc 300
t 301

<210> 267
<211> 700
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 25, 61, 67, 132, 134, 150, 183, 194, 197, 238, 355, 424, 431,
449, 465, 470, 478, 507, 509, 523, 527, 529, 533, 560, 578, 614,
644
<223> unknown base

<400> 267
ggccccagat tgcgaaatg aggcnccaag gcggccgaga cggactgaag 50
catttcaagg ntccggnggg ttcccatgat ttgaacggag tcgtttcccc 100
taatgggtgt tttgacccccc atcccggtgc tnangtggtt tttcccccattn 150
atcgcccaac atgggcattt gaaatccaca ggngtcattt gganntngcg 200
ggccccataat ttgtttcaga caggccggga gggcagtnlg gccagaagga 250

ttcttaagta actgacccag cccttgccc ccacccttgg ggtaccgaga 300
catggtagg gattagaggc aagagtggag agtcagacca tccaggaacc 350
acatnttgg acttcagaa ggaggacaac atggccttg gaaagcctgc 400
caagtactgg aagttggacc ctgntcaggt ntatgctagc gggcccaang 450
catggacac ggctntgcan gacgcctntg aggagtacaa gcaccgcatg 500
cacaatntnt gctgtaccaa atnccantng cangtggcat tggccctgaa 550
tctgatgcgn tacaacaaca gcaccaantg gaatatggtg acgctctgct 600
tcttctgcct gctntacggg aagtacgtca gcgttgggc cttngtgaag 650
acctggctgc cttcatcct tctcctggc atcatcagcg gccggcgtaa 700

<210> 268
<211> 253
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 49, 120, 181
<223> unknown base

<400> 268
gaatctgttt caaaaaaaaa aagcttaag aagtcttttag atttacagnt 50
aagcatattc taaatactat gtgatgaatt atttctctta tgtaaaaaaa 100
aatattaatt tggacccaan tatgactgtg ggtattctgc ccagggaaaga 150
agagcttagga ggttaaaccc ttaccttggg nttgctgctt tgtttctat 200
gccttcttga cagaaggatt tatttcactt ccgaaatatt agccataatg 250
ccc 253

<210> 269
<211> 659
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 20, 33, 58, 200, 240, 403
<223> unknown base

<400> 269
caactaggaaa aattgaaatn ctattggaaa ttntttggc cacaaaggta 50
aataggtna ccagggaaa cagggcatcaa gaaaattgcc ccaattttta 100
aaacaatagg gttatttgag tagttgagtt taagaaatga aaaccacaaa 150
ttttggtgga acttaaacac cacagtctat ttgtgtgtaa tttctcaggn 200
tttattatag ttcatgataa aatcaatttt ccatgtctan tttgttttc 250
ttcaacaagt gatctatctt ttacaaaagg gaatatttg ctggagaaat 300

gctcattgtt tcccttctgt atgtcttgaa gggtaatgct aaaagcaagc 350
tcaaatttca aaatatgtta tttttaaaaat attttatata ggatttggta 400
aanttatagt tttcaaggat tgtctttgt ttctttggat tctgattaag 450
tgatTTTaa tgcatttcctt taaaaatatt tattggcaca ttgtatttgt 500
acatattgtat gggataaaaat tgatgcttct gtacatataat atttggcata 550
atcatcaaataat ttgggttattt agcttattca tcacctcattt catttatcat 600
ttctttatgg tgagaacatt caaaagtctc tcttccagct atttataat 650
atattataac 659

<210> 270
<211> 628
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 51, 106, 111, 120, 140, 378, 513
<223> unknown base

<400> 270
ttcggaagaa gcacctcaga gggattaagc tcctgagaat gttacctgca 50
ntatacctga tggcgtgccat atagatatac cagtgaagtt gatggtcttc 100
ccttgnacat ntcaacattn ttgaaccact taatcctctn ttgacaacac 150
tagtagaaca gaatcctgaa gatatggag acctataacct agatgttgct 200
gaagcttttc tggatgttgg tgaatataat tctgcacttc ccctcctcag 250
tgctttgtt tgctctgaaa gatacaacct tgcagtagtt tggcttcgtc 300
atgcagaatg tttaaaggcc ttaggctata tggagcgagc tgctgaaagc 350
tatggcaagg tggttgatct ggccccanc catttggatg caaggatttc 400
actttctacc cttagcagc agctgggcca gcctgagaaa gctctggaag 450
ctctggaacc aatgtatgat ccagatactt tagcacagga tgcaaatgct 500
gcacagcagg aantgaagtt attgcttcat cggtctactc tggatgtttc 550
acaaggcaaa atgtatggtt atgtggatac cttacttact atgttagcca 600
tgctttaaa ggttagcaatg aatcgagc 628

<210> 271
<211> 585
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 71, 76, 86, 91, 162, 220, 269, 281
<223> unknown base

<400> 271

tggttttgc cccataaaatt ccctcagctt gagcaggttg ttaaggaatg 50
aggttacaga ttcaggaatt ntaggnccctc aaccntaga ntttgtccca 100
aatgttctcc gacatgcagt agatgggaga caagaggaga ttccctgtggt 150
catcgctgca tntgaagaca ggcttgggg ggccattgca gctataaaca 200
gcattcagca caacactcgn tccaatgtga tttctacat tgttactctc 250
aacaatacag cagaccatnt ccggcctgg ntcaacagtg attccctgaa 300
aagcatcaga tacaaaattt tcaattttga ccctaaactt ttggaaggaa 350
aagtaaagga ggatcctgac caggggaat ccatgaaacc tttaaccttt 400
gcaaggttct acttgccaat tctggttccc agcgcaaaga aggccatata 450
catggatgat gatgtaattt tgcaaggtga tattcttgc ctttacaata 500
cagcactgaa gccaggacat gcagctgcat tttcagaaga ttgtgattca 550
gcctctacta aagttgtcat ccgtggagca ggaaa 585

<210> 272
<211> 616
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 23, 80, 86
<223> unknown base

<400> 272
ccggaaacca tgaggtaatg ccncaatggc atattgtaaa tgtcatttt 50
aacatggta ggccttggac atgatgctgn attacntctc tttaaaatga 100
cacccttcct tcgcctgttg gtgctggccc ttggggagct ggagcccc 150
atgctgggaa gtgcggtcag ctccacacag tagtccccac gtggccca 200
cccgccccca ggctgcttca cgtgtctca gttctgtcca agccatcagc 250
tccttggac tcatgaacag agtcagaagc ccaaaggaat tgcactgtgg 300
cagcatcaga cgtactcgac ataagtgaga ggcgtgtgtt gactgattga 350
cccagcgctt tggaaataaa tggcagtgtt ttgttcactt aaagggacca 400
agctaaattt gtattgggtc atgttagtgaa gtcaaactgt tattcagaga 450
tgttaatgc atatttaact tatttaatgt atttcatctc atgtttctt 500
attgtcacaa gactacaggta aatgctgcgt gctgctgaac tctgttgggt 550
gaactggat tgctgctgga gggctgtggg ctccctgtc tctggagagt 600
ctggcgtatgt ggaggg 616

<210> 273
<211> 637
<212> DNA

<213> Homo Sapien

<220>

<221> unsure

<222> 26, 44, 60, 107, 114, 234

<223> unknown base

<400> 273

tgaagttgaa ttgaatgata tgaggnttt ctttcccaag gtcnaccagg 50
accaagattn ttttatagtt ataagccttg aaagaaaattc ttgcaaggtg 100
ttggacnctt actnaagcag agaagatgtc ctttgcact cagaaacgaa 150
ccttggtaca gaaaatcagt atttaaggcc cagaacttat tgaaagcgca 200
atgtacttct accgtgccac gggggatccc accntcctag aactcggaag 250
agatgctgtg gaatccattt gaaaaatcag caagggtggag tgcggatttg 300
caacaatcaa agatctgcga gaccacaagg tggacaaccg catggagtcg 350
ttcttcctgg ccgagactgt gaaatacctc tacctcctgt ttgacccaaac 400
caacttcatc cacaacaatg ggtccacccctt cgacgcggtg atcacccct 450
atggggagtg catcctgggg gctgggggggt acatcttcaa cacagaagct 500
caccccatcg accctgcgcgc cctgcactgc tgccagaggg tgaaggaaga 550
gcagtgggag gtggaggact tgatgaggga attctactct ctcaaacgga 600
gcaggtcgaa atttcagaaa aacactgtta gttcggg 637

<210> 274

<211> 697

<212> DNA

<213> Homo Sapien

<220>

<221> unsure

<222> 26, 59, 66

<223> unknown base

<400> 274

tatggcata gaaaaccctg gaaagncca tccaccatata tatatacgat 50
gattgtctnt gcttgntgag ctaacagggg tgtcaagctt ccattttgg 100
atctacttct aaatacactc agaccaggag aaatttggac taattttcaa 150
actacagaca ctttctaattc atgatgcatt tcaaaagtgg actcgaatta 200
actgagttgc aaaacatgac agtgcccgag gatgataaca ttagcaatga 250
ctccaatgat ttcaccgaag tagaaaatgg tcagataaat agcaagttt 300
tttctgatcg tgaaagtaga agaagtctca caaacagccca tttggaaaaa 350
aagaagtgtg atgagttat tccaggtaca acctccttag gcatgtctgt 400
tttaaccta agcaacgcca ttatggcag tggattttg ggactcgccct 450
ttgccctggc aaacactgga atcctacttt ttctggtaact tttgacttca 500

gtgacattgc tgtctatata ttcaataaac ctcctattga tctgttcaa 550
agaaaacaggc tgcgttgtt atgaaaagct gggggaaaca gtcttggca 600
ccacagggaa gttcgtaatc tttggagcca cctctctaca gaacactgga 650
gcaatgctga gtcacctctt catcgtaaaa aatgaactac cctctgc 697

<210> 275
<211> 621
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 22, 48, 82, 136
<223> unknown base

<400> 275
tggcacacgg gttacccaa gngcagcgct ggcaaggcct tcataatntc 50
ggtgtgtctt acgtgaccaa ttcccacctg gntggggcaa ggtctacttc 100
gcctatttta ccaacacgtc cagtttaggtt acacgnacgt gcccttccac 150
aaccagtatt cccacatctc gatgtggat tacaaccccc gggagcgcgc 200
cctctataacc tggacaacaacg gccaccaggt gctctacaat gtcaccctgt 250
ttcacgtcat cagcacctct ggggacccct gagccaatgc tgggttcgg 300
gctgctgcctt ggggggcctc cgggggtctgg gggccctttt cattctgcct 350
gtgtccctca agggtgatct ctgtgtctt gtcacgcctt ttctccccgc 400
ctttttgtt ggtttttgtt ctctgcctat gtatttctgt ctattttttc 450
aatttccctt cttctctttt attgatctct gcttttaata caccacttct 500
ttctttctgc cttttatgg atgtttttt cttttatgg ctctgggtct 550
ccagttcttt ccgtctctgc ctctctctgt ctctctctct ctgtccttcc 600
acccctccct cttgcctcc c 621

<210> 276
<211> 570
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 5, 28, 71, 73, 86, 126
<223> unknown base

<400> 276
cgaangcgtg ggtgtgcattt cgggtgtntg aaggctgtgc ccgtttgtt 50
tcttggctaa aatcgaaaaa ntnaggcggg ccggcnccgc gcgacaccgg 100
gctccggAAC cactgcacga cggggntgga ctgacccgtaa aaaaatgtct 150
ggatttcttag agggcttgag atgctcagaa tgcattgact gggggaaaa 200

gcgcaatact attgcttcca ttgctgctgg tgtactattt tttacaggct 250
ggtgattat catagatgca gctgttattt atcccaccat gaaagattc 300
aaccactcat accatgcctg tggtgttata gcaaccatag cttccataat 350
gattaatgca gtatcgaatg gacaagtccg aggtgatagt tacagtgaag 400
gttgtctggg tcaaacaggt gctcgattt ggctttcgt tggtttcgt 450
ttggccttg gatctctgtatg tggattctt ttggaggtta 500
tgttgtaaa gaaaaagaca tagtataccc tggaattgct gtattttcc 550
agaatgcctt catcttaat 570

<210> 277
<211> 642
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 21, 34, 50, 124, 264, 266, 305, 307, 334, 424, 458, 501, 582,
613, 638
<223> unknown base

<400> 277
agtttcctt aaattgggg nffffgtt agcnctgaaa atatcttcn 50
tgattactt accatgtgga catatggat aaatactgta tttcagattt 100
acataaaaagt agattagtaa tgcncagctt tcagaataaa aactgataaa 150
aaagaccaag cactatcaac tttggacagt aatttcttag gtgttaaaca 200
agttttctga atacaatctg gatgcaaaac ggcctgattt gatgaattca 250
taattttctt ctgnanactt tcattttatt aaatattttt ttacttggtt 300
aaacncnaga attatctatg taaacttcat gggntttttt gttgaaagtt 350
agatgttcag taactaattt cccagttatg gcccagaatt aaacatttat 400
gatcatattt cagaagtcaa aatncaaaac tggattatca aaacgggtgg 450
tgtggtcnct ttaaactgga ctatcgtat gttgccgtg gtcactttaa 500
ncgggattat cagtacggtt ggtgtggta ctttggtttta tcataatac 550
agttgggtgtg gtcactttaa actggattac cnatatggtt ggtgtggcgt 600
ctttaaagtt tgntttcatt ttttcttatt tttaattttt ac 642

<210> 278
<211> 434
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 19, 146, 162, 199, 203, 225, 245, 271, 286, 298, 323, 328, 359,
368, 431

<223> unknown base

<400> 278
ttgggttttc tgccctgng ttagtttgc gacttaagag gatacagact 50
tgaggatataa ttgttcttag tcagtttgt gttgtataa cagaataacct 100
gagacttaggt aatttataaa aataaaagttt atttggctca tgattntgga 150
gctggaaaagt cnagattggg cagccatat gatgagggtt gcacactnt 200
tcnatttatg gcagaaagtg gaaanggaag caggtgtgc caaanagaca 250
tgcaggagag gttggagtca ntgctcttc aggaantaat tcattctnta 300
gagagtgaga actcacttaa ctnttgcna agggcattaa tctattcacc 350
catgaaacna acaccctnca gtagactcca ccatttaaca ctgccatatt 400
gggaatcaaa tttcaacatg agtttggca nnnn 434

<210> 279
<211> 335
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 140, 178, 241, 244, 247, 264, 314, 321, 326
<223> unknown base

<400> 279
cctttggaaa ctgggattaa tgtatgctct agatccattt attagaaaatg 50
caaaaatact acaattttttt gatggatgaa aataactcctg taacacaaac 100
agagaactgg aggaactgaa gaataactca ctcatacagn tctgcctcat 150
tctgtgtgtg tgtcatgtg tgtgttanca gaggtatttt actcagaaaa 200
taggttcaa agaacattaa tgactttctt ttccctttta ngtntgnnta 250
atcagttaaa ctgnatggg aaaagttta tagaactata taacctgaat 300
gttggtctct ttgnacacat nttttntatg actgc 335

<210> 280
<211> 254
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 29, 135, 140, 143, 163, 190, 207, 209, 219, 221, 241
<223> unknown base

<400> 280
tgtggccta atatcataga tcactttana tgtgatttgt ttcagttgtt 50
gacacttgcc tgcacggaca cccacatcct gggcctttta gttaccctca 100
acagtggat gatgtgtgtg gccatcttc ttatnttaan tgnntcctac 150
acggtcatcc tangctccct gaagtttac agcttaaan ggcggcacaa 200

agccctntnt acctgcagn tccacccac ggtggttgta ntgttcttg 250
tccc 254

<210> 281
<211> 402
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 25, 96, 205, 265, 331, 334, 337 .
<223> unknown base

<400> 281
tggttccagg tcaccatcct tagcntcaaa ttcataaaaat ggttgcttct 50
acctccagcc tgatatcctt gtgatggca ggcagaacca gggctntaag 100
gaaaggagcc agcacctgta tcaagaagcc aaagccttcc ctgaaatctt 150
tagcagacgt ctgcttgta ctattggct agaactttgt gacatggcca 200
ctccntgctg caaggacatt tacagtttt cagttggcc cattgccacc 250
ctgagcaaag ggtcnataag gaagaagacg gagagtggac atgttggca 300
ttcacctgcc agcactccat ccagacagcc ncanaantgg tggtaaaca 350
gagacagcat acattcactt atcaactgtt tagtaaattc ctggcatggg 400
ca 402

<210> 282
<211> 515
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 56, 176, 217, 231, 253, 282, 287, 337, 350, 352, 364, 403, 452
<223> unknown base

<400> 282
agcccagatc caggaaccat tcctattca ggattttgaa tgcaaaactt 50
accttnttac tctaaagatg aatgtcaggg agagatttat tcaaccctga 100
gattttgca gtctccttca gagtcacaga atagattaag gcctgatgat 150
actcaaaggc ctggaaaaac tgatgncaaa gaattttcag tgccctggca 200
cctcattgca gtgactnttgg gatcctctg nttacttctt ctgatgatag 250
tcncagtggtt ggtgacaaat atcttcagt gnattcnaga aaaacatcaa 300
cggcaggaaa ttttaagaaa ctgttagtgaa aagtacntca tgcaaaatgn 350
cnactactta aaanagcaga tttgacaaa taagacttta aaatatgacg 400
ttntcaaaaa tagcttcag cagaaaaagg aactggattc acgccttata 450
cnaaaagaaca gatgtcatag agaaaatgag atcattttta aagtttgca 500

aaatacaggc aaatt 515

<210> 283
<211> 433
<212> DNA
<213> Homo Sapien

<400> 283
aggaatgacc ttccctcaggg ggctgaggat acccccacagg ctcctttct 50
ctccagctcc agggtttgac tatgcaccta tttagggct gcttgctcaa 100
gggagagagg tacaggaggt ggtctggaa aaacaaaatt gatttccta 150
tcaattgtat ttttgttag cgaaatctat acacacccat ttctttggat 200
attatttcca gttactccag ctaatccaaa taatgatatt tgccctcagt 250
taagaacaga ttttattttt aggaacagaa gtctagtagc agttttgctt 300
tttattaacg ttttaaggaa catttacctt agatatcatg attcttggc 350
atttgcaaaa tgcagtcaat atcaaacagc aatggttgct tgtttatga 400
tcggtcagaa tttgtccctt atattaattt cag 433

<210> 284
<211> 496
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 83
<223> unknown base

<400> 284
cccccgagtt tctgtcgca gttgcgagga aaggcccccta ggctgggtct 50
gggtgcttgg cggcgccggc ttccctccccg ctngtcctcc ccggcccgag 100
aggcacctcg gttcagtca tgctgagcag agtatggaag cacctgacta 150
cgaagtgcta tccgtcgag aacagctatt ccacgagagg atccgcgagt 200
gtattatatc aacacttctg tttgcaacac tgtacatcct ctgccacatc 250
ttccctgaccc gcttcaagaa gcctgctgag ttcaccacag tggatgatga 300
agatgccacc gtcaacaaga ttgcgctcga gctgtgcacc tttaccctgg 350
caattgccc gggtgctgca ctgctccctgc ctttctccat catcagcaat 400
gaggtgctgc tctccctgcc tcggaactac tacatccagt ggctcaacgg 450
ctccctcatc catggccctct ggaaccttgt tttctcttc tccaaac 496

<210> 285
<211> 566
<212> DNA
<213> Homo Sapien

<220>

<221> unsure
<222> 12
<223> unknown base

<400> 285
attagattt gnatctttc ccatcaatca tgaatacata aggtaatatt 50
ttatagttgg aaagcattgc ttaatatatt gaatcaataa aaatattgat 100
ttcatatatatt taattttat aatcttaca gattacaata ctgtgatgag 150
actgttcctg taactttga tccacacaca gaatttcttg gtcctcagaa 200
gaaaacagaa caagtccaaa gagacattgg attttggtgt ccaaggcatc 250
ttaagacttc tgggggacaa ggatataagt ttctggaat tgaccagtgt 300
gcgcctccat gccccaaacat gtattttaaa agtcatgagc tagagttgc 350
aaaaagtttt attgaaacag tttcaatatt ttgtctttgt gcaactctgt 400
tcacattcct tactttttta attgatgtta gaagattcag atacccagag 450
agaccaatta tatattactc tgtctgttac agcattgtat ctcttatgta 500
cttcattgga ttttgcttag gcgatagcac agcctgcaat aaggcagatg 550
agaagctaga acttgg 566

<210> 286
<211> 570
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 7, 46, 111, 121, 176, 185, 212, 221, 236, 239, 267, 308, 329,
371, 393, 399, 405, 412, 417, 423, 427, 486, 490, 495, 517, 524,
531, 533, 544
<223> unknown base

<400> 286
cgtaanacg agcctgccag taaatgtgc catcatgttc agtaanggcc 50
ttgcaaaaca gattaccct tcacccccc acttaattgt ctacctatga 100
atcattaatg ntttggtttg ntttaattc tgtgataggt aggaaaggat 150
ggaactcctt ggcagactag ttttanaaag ttttngaagc agggtgagtc 200
ttgtacctt gnggtcctgt ntcacagaca cctgtntant ccctgaccct 250
tttaaatggt aactttntgc ctgttaggaaa tttccctt gtgcttaggt 300
cttttcntc tgtgagctt agataaacna cctagtgttt aaactttta 350
ataaggatt catttttaa nacatgagaa ttcattcaa aantttggnt 400
ttagnatatt antttantct acntggntct tttcagaca gatgttctct 450
cctggattgt aaaagtcgaa ttcaaaggat ttttattgn aatanactta 500
acctttctct tgtaagntgc catntgtgt a nanacagctt tgantgcctg 550

acaagaggaa aatgtttccc 570

<210> 287
<211> 556
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 40, 80, 179, 195, 203, 263, 304, 310, 313, 427, 437
<223> unknown base

<400> 287
aactgtctt aatggcccaag ttttaccagg gcttggtn taaggacatt 50
aacttgtgct cccctcaggg atgggttan tactagctgt cagaaagcta 100
ttgggtatcc taatgtgtta atagctgaaa ctcagctgtta atttctccta 150
aataacttcag cattttgcatt tctgtacant gtggtgctt ttccnccttg 200
tantgttcta actgttaagct cctagggggc agcaatttgg ataaatcttt 250
tggtaagtag ttntcaataa aatatcttcc ctccccatac ccctacccga 300
aatnttatan tgntctttac aaaactttgg tcaagagtag aaatatatcc 350
aggcagatgt atatgccata caatagcaag aacagtaaag cccaactaat 400
gattttgagt tttaaaaata gaaggcnatt aaaatgnact caaagttaca 450
ttaagaaaag cttcacggg ggtaatattt aacacgtcac aaaggtaag 500
aaaatactga tagcagttt tgtctatttt aacattgttag tcatttgta 550
tttgat 556

<210> 288
<211> 594
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 73, 113, 215, 252, 257, 263, 267, 269, 277, 287, 293, 297, 302,
310, 457, 506, 521, 554, 584, 591
<223> unknown base

<400> 288
ggattttcgtaa aagtagttt aagatgtca cattttaaaa atttaagatc 50
aagcaaatga agcttatttt tangtattca tagtataaaa gaccttcagt 100
aaataggtaa tantttgtt ttattctaga aaacagctcc ttgaacacag 150
tgagctggct tttcacacat tgcagttgtt agtgtttact gcccttgcca 200
ttttaattat gaggntaaag atgttttga caccgcacat gtgtgttatg 250
gnttcntga tangctnng acagctttt ggctggnttt ttngcanagt 300
tngtttgan aaggttatct ttggcatttt aacagtgtatc tcaataacaag 350
gttatgcaaa cctccgtaat caatggagca taataggaga atttaataat 400

ttgcctcagg aagaactttt acagtggatc aaatacagta ccacatcaga 450
tgctgtnttt gcaggtgcca tgcctacaat ggcaagcatc aagctgttta 500
cacttnatcc cattgtgaat natccacatt acgaagatgc agacttgagg 550
ggtnngacaa aaatagttt aaaaaat agtnaaaaat ntgc 594

<210> 289
<211> 713
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 70, 96, 106, 113, 119, 134, 227, 299, 384, 421, 430, 454, 464,
546, 556, 561, 597, 616, 622, 667, 673, 712
<223> unknown base

<400> 289
tcccttaatt ccatagaccc cgaagggggt ttcccggtt ggaatccatt 50
aaatccgggc cagggcttgn tcccgtggtt taggattggg ggttanaaat 100
aaaaantcag gtntattnnt taccagtcag tacnatttt aaagaatgta 150
cttggatat aatatatgga cttaggaac tttattgggg tggggggta 200
atttgcctt accctgttca cttcanatg attaggctt tgcactttag 250
aatgagaaac ttgtgacggt agtgtgttct tactagctt aatttgtag 300
tagcaatgaa ttgtgaatct tagtgcagtg ggtttttta aaaaactcaa 350
aaagctggga attaagtggt ttcaagtaata atgnatacc gaggtgcttg 400
cattgtatcc cataattttgc ttacaaaccn aaatttattt taatgagaac 450
agtnttgggt tcanaggtgt gatgccagaa tgtatttcg tactgttagg 500
cccttggAAC agatatcggt gcttttgaa agatgaaaga aatgcnatgg 550
gtgctnttca ngcaagggtt caaacctacc aagaatgcat aatagtnca 600
cttttccccca ataaanagat gngtgtgact agttttggac tttaacctt 650
aatgggggtt gcatgtntcc tantgttaat cattgtcagc tgcaagtgaca 700
tgatccacag tnc 713

<210> 290
<211> 687
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 26, 38, 49, 71, 81, 191, 257, 270, 276, 323, 343, 385, 407, 416,
436, 463, 468, 501, 533, 544, 557, 569, 576, 579, 588, 591, 594,
600, 605, 649, 682
<223> unknown base

<400> 290

gacttggaaag aattggacct agtggntaga cccaaggnc 50
attcgtgggg ggcccaggaa ncaggaggc ncatgggatt ccagacataa 100
gatcaggttt taacccctt tggcccaa at ttggctgaa aatgttgaat 150
tatcaactct gaaattaaaa agaaagtta tattaaaaca ntgcaatttt 200
ccttagaatt tctgtatata ttaacatcat gaatgataaa ttctcttcaa 250
tgtgcangtc aggttttgn acttgnatat caaatctatc tgtgtgtatg 300
aagtgtatgt ttattgaaat acnagatatt taagaagctg atntggaaag 350
ttggattttc attctagttc ctaattccca gaggntttt taaaggaagg 400
gaatgtntgt ggtacnccag ttgtcagctg ggtggntact ggatcatctt 450
tcttttatca acnagatnaa ctatcaactt caccagcatc atgaaccttg 500
ntgccgtaaa aaggagttca ctacttctgt tcnctttgag tctnttcaaa 550
tggattntgt gtccctcctnt ggagtntgng ccatttntg nttntgactn 600
ttccnctaag ccagagaatg atgatggagg aaattatgaa atgttcacnc 650
aaaaatttgtt tttcgacct gaactgtttg angtcac 687

<210> 291
<211> 673
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 27, 34, 66, 97, 187, 229, 263, 309, 314, 346, 397, 448, 451, 463,
487, 491, 536, 563, 575, 608, 618, 625, 636, 656, 666
<223> unknown base

<400> 291
aacccatggg gccaaagtcaa aagcccnag gtntccagg caagggcatg 50
ggcatgggt taggancagt gaacctggaa gtaatcccag ccctgcngtc 100
attagtgtgt tacctcaggt aaaggggggg aaccctacag gactgttaca 150
aggattaaat gaaggaattt aagtgtgtgc atgtatntgg catgtagaaa 200
atacagtgtg gtggggagag aacagattnt agaaccagac tgcctgagtt 250
caaatcccag ttntgctgt tcctggctgt gtgaccctgg gcaaattact 300
tagcctgtnt gggnttcaga tttctcatct gacaatgaag ataatnaaat 350
acctatctt atggttgttag taaggattaa atgaattgaa ataaagnttt 400
tagattaata cttgatatgc tacataggtg tcagccattg ttaatcantg 450
ntgtcattat agntattatc aacatgatta ttgctntaa naggaactca 500
ggcatttgca ggggtgtgggg aaccctgagc tgggtntccc ctgttgggtg 550
ttgtgtcccc atnataaccct taggncaacc caggtcaggt cagggggatg 600

tgccctntt ttctggncg aggtntgtaa ggccancagc tttgcctcat 650
acgtgnccag caggtnat tgg 673

<210> 292
<211> 663
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 54, 71, 73, 89, 104, 137, 142, 177, 308, 409, 423, 430, 451, 468,
503, 551, 558, 581, 598, 622, 629, 632, 660
<223> unknown base

<400> 292
ctaaccagg ttgaattttt ggagcttgtt ggatttgccc attgccagcc 50
caantatgtt gggaaaagt ntntgagtgt cattttgcnt gttgaagctc 100
tggntaatgtt gattattgtt ctgagaatga atctttntta gntattccaa 150
acttagttat tttgcagtt ttggtanttt tttcctcatt ggaactccca 200
aaaatccgat tgctttgcg tgtttttta ttgcctgat aactgatcct 250
ttccttgaca ttatatttag tggactttca gtaactgaaa gatggaaacc 300
cttttgnac cgtgaaagaa ttgcagaag actttcagtc gtttttgctg 350
aatgattgtt gcttacattt tttatcttt ccgcattcaa acttagagac 400
actcacctnt ggtatattgtt aanacctggn tttccattt ttgaaatttt 450
ntggatgatt tgtcatanta ttttctttt aactcttgg ggattccata 500
ccnaattaaa tgactgccat aaagtatatt ttactcacag gacagattac 550
natagccntg atagaatcat ggcattccaaa nngatgcgcc attttgntt 600
gatttcagag cagttgggtt tnttagtnt tnttgcaaca gcgattttgg 650
gagcagtttcc 663

<210> 293
<211> 603
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 22, 44, 90, 108, 124, 171, 351, 376, 378, 389, 396, 453, 477,
507, 518, 524, 541, 587
<223> unknown base

<400> 293
tccaggattt ttctccctgg tntaagggtcc tggttcacac ccanaggaac 50
cagtttggtc ctgggcaagc cactgcctat aggataaggn aagatcaaat 100
aaatcatntc agggagaaca aggnccagcc ttctccctctt attcactcaa 150
acacaccacc caagcaccac ntttggccag actctgtgat ggtccctgcc 200

ctcaaaggac tgttcatggt ctagagatga aagagccca g tcaacagtta 250
tactgtgtgg tggcgccggg agggtaatca cagggtattt atgggtacaa 300
aaaggaggca ccctgaccc accagaataa gctaccctgt gccataggct 350
ntaggcagac ttactgaca ttgaananc tttgcagn c aattancaaa 400
aagactacat gtgtaaatgt gacagaacag ggattcagag cctgaatgtt 450
tangcctgct ttatcctcat tttgtcnctg tggaggcaga ggtggaaaa 500
ctaagtntag aagccatntg agtntgggtg ggagccacct ntatattgt 550
cataagtctc tcatggcct ttggttcta gctatanctg tgtccactag 600
tgc 603

<210> 294
<211> 704
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 33, 42, 94, 99, 106, 122, 147, 187, 198, 458, 482, 484, 497, 560,
609, 626, 665, 679, 691
<223> unknown base

<400> 294
ttaaggcctt taaaatggt ggaaatttt ggnacaatta tncggaaatt 50
tttaattttt aaggaatttt ggaaagtagt taaaagatag cccnntttna 100
aaattntaag atcaagcaaa tnaagcttat ttttaaggat tcaaagnata 150
aaagccttca gtaaataggt aaaatttgg tttatnttag aaaacagntc 200
cttgacacag tgagtggcctt ttcacacatt gcagttgtta atggttact 250
gcccttgcca ttttaatta tgaggctaaa gatgttttg acaccgcaca 300
tgtgtgttat ggcttccttg atatgctctc gacagctttt tggatggcctt 350
tttcgcagag ttctgtttga gaaggttatc tttggcattt taacagtgtat 400
gtcaatacaa gtttatgcaa acctccgtaa tcaatggagc ataataggag 450
aatttaanaa tttgcctca gaaaaacttt tncnagtgg tcaaatncag 500
taccacatca gatgctgtct ttgcaggtgc catgcctaca atggcaagca 550
tcaagctgtt tacacttcat cccattgtga atcatccaca ttacgaagat 600
gcagacttna ggcctggttt cagtangctt gaaatctggg atgtggaaga 650
cccttccaaat gcagntaacc cttccttang tagcgtcctg ntcaagacg 700
ccag 704

<210> 295
<211> 504
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 89, 104, 139, 152, 165, 171, 211, 223, 278, 313, 351, 374, 386,
389, 446, 482, 485, 493
<223> unknown base

<400> 295
tccaaaaaaaaaa aaataatgga aaactggaaa gagaaaaatt gtttcaaaaa 50
ctatagcaca cctgttgttta gattttgtc ttgcctaang ttttcaatt 100
tttantatttt ctacagtttgc gaccgaatttca taatttttnt tgactacaag 150
tnntcaaaat aatgnnttcn nttnnnntttt cttttttcca tttttttcca 200
atttggagtc nctgaaaact aanctgtgct ttcataaagc cctgcaaact 250
gaatcttagac aacttcagaa gaaaaatnac agcaacctat ttacatacat 300
aagccacttt canacctgcc taccgatgttta tggacttcag agtaatgtgg 350
ntttagcaa ttttccagga ttgntttttt gtttgntgnt gttctccctt 400
cctcccccta ttttgccttt atggacatg acacttcaca acctntaaa 450
aatgagtttt cctaataact caggacctac tngtntagaa atnaaccatc 500
ctag 504

<210> 296
<211> 557
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 48, 104, 163, 201, 212, 228, 244, 251, 257, 293, 365, 444, 458,
465, 495, 526, 538, 552
<223> unknown base

<400> 296
tttttttttc cccttgggc caggtcgaaaa tatgataggt cggggaaanag 50
ggggctttgg aggccgaggc cgaggccgtg gacgaggggaa aggtgccctt 100
gctngccctg tattgaccaa ggagcagctg gacaaccaat tggatgcata 150
tatgtcgaaa acnaaaggac acctggatgc tgagttggat gcctacatgg 200
ngcagacaga tnccgaaacc aatgattnaa gcctgcccatt cctnccatga 250
nagactnttg ttagtcaaca catctgtaaa taaccttgag atnacagatg 300
agaagaaatc tgattgtatgc tggatggacc tatcacaata ggctgtggac 350
ttacttgcca ccagnnttgcat ttttagtgc gttccttttca ctttttgata 400
ctgtgttgta tgaaaccctt ttgtccctttt atttggttttt ttgnntttgt 450
tttttttanggg ggganggggg gtttccccctc ctttgcccaag acttntctt 500
gaacacaaat gcatttagcct tgtggntaga acaccctntt cctacactcg 550

tntcccc 557

<210> 297
<211> 501
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 45
<223> unknown base

<400> 297
ggtaatggaa aacccgcaat tacatttgaa ccaacctaatt agatntaagg 50
aaaagcgctt tccattcgta gcatcagtct ggccacatcc cttgtgagcc 100
actgcgcggc gcttggcgc cgtattttg gaatgcattt ggagcttggg 150
tcagtagttt ttgtttcat gtgatgtcac caacatgttgc cctatacaga 200
ttgaatatcc cttatccaaa atgcttgcaa ccagaagtgtt tttggatttt 250
tggaaatttt tttggattttt ggaatatctt catgtaaata atgagatttg 300
ttggggatca gactcaagtc taaacatgaa attcgtttat gtttcatata 350
tactttatac acataccctta aaggcagttt tatacagtat tttcaatgg 400
gtgcattgaaa caaagtttgtt gttcattgtat ccattcagaaa gcaaagatgt 450
caactgtctca gccacacgtg gacaatctgg ttggtagcg tccccatcgt 500

t 501

<210> 298
<211> 515
<212> DNA
<213> Homo Sapien

<400> 298
ggcccccgcgt gccgacatgg gaaagtctct ttctcatttg cctttgcatt 50
caagcaaaga agatgcttat gatggagtca catctgaaaa catgaggaat 100
ggactggta atagtgaagt ccataatgaa gatggaagaa atggagatgt 150
ctctcagttt ccatatgtgg aatttacagg aagagatagt gtcacctgcc 200
ctacttgtca gggAACAGGA agaattccta gggggcaaga aaaccaactg 250
gggcattgtat tccatatagt gatcagagat taaggccaag aagaacaaag 300
ctgtatgtga tggcttctgt gtttgcgtat ctactccttt ctggattggc 350
tgtgttttc ctttccctc gctctatcga cgtgaaatac attgggtgtaa 400
aatcagccta tgtagttat gatgttcaga agcgtacaat ttatTTAAAT 450
atcacaacaca cactaaat aacaaacaat aactattact ctgtcgaagt 500
tgaaaccgaa cccct 515

<210> 299

<211> 481
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 168
<223> unknown base

<400> 299
gagcggagcc ggcggagcct ctggaatcac ccgggtcgct gttcctgagc 50
agctgcagag catcgagggc tggagaggag cacatactgt ccatggagct 100
ggtgtcaag gtggacaggg gcgggtgtga tggcgcagt tgacactgaa 150
taccagcgcc tagaggcncc ctatagtgat tcaccccccag ggaggaggac 200
ctgttggtgc acgtcgccga ggggagcaag tcaccttggc accatattga 250
aacacttgac ctcttcttct ctcgagttta taatctgcac cagaagaatg 300
gcttcacatg tatgctcattc ggggagatct ttgagctcat gcagttcctc 350
tttgtggttg ctttcactac cttcctggtc agctgcgtgg actatgacat 400
cctatttgcc aacaagatgg tgaaccacag tcttcaccct actgaacccg 450
tcaagggtcac tctgccagac gccttttgc c 481

<210> 300
<211> 468
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 24, 132, 197, 209, 218, 235, 238, 285, 344, 365, 457
<223> unknown base

<400> 300
tatggAACAG CCTCCTTTG ACANCAgTTA CGGGCTGGT GTGGCAGGGT 50
CTGTTCTGGT CCTGGGAGCC ATCATCGGTG ACTGGGTGGA CAAGAAATGGT 100
AGACTTAAAG TGGCCCAgAC CTCGCTGGT GNAcAGAAATG TTTCAgTCAT 150
CCTGTGTGGA ATCATCCTGA TGATGGTTT CTTACATAAA CATGAGNTTC 200
TGACCATGNA CCATGGANGG GTTCTCACTT CCTGNTANAT CCTGATCAtC 250
ACTATTGCAA ATATTGCAAa TTtGGCCAGT ACTGNTACTG CAATCACAAT 300
CCAAAGGGAT TGGATTGTTG TTGTTGCAGG AGAAGACAGA AGCNAACTAG 350
CAAATATGAA TGCCNCAATA CGAAGGATTG ACCAGTTAAC CAACATTAA 400
GCCCCATGG CTGTTGGCCA GATTATGACA TTtGGCTCCC CAGTCATCGG 450
CTGTGGNTTT ATTTCGGG 468

<210> 301
<211> 466
<212> DNA

<213> Homo Sapien

<400> 301
accgcctgac cgtgctggat ggtgcaatgc ttgccttggg actaatgaca 50
tgcttgcag ttttgttgg ctatgccacc acagtcatcc ccagggtcta 100
tacatactat gtttcaactg tattatttgc catttttggc attagaatgc 150
ttcgggaagg cttaaagatg agccctgatg agggtaaga ggaactggaa 200
gaagttcaag ctgaattaaa gaagaaagat gaagaatttc aacgaaccaa 250
acttttaat ggaccgggag atgttcaaac gggtaacaac ataacagttac 300
ctcagaaaaa gtgggtgcat tttatccac ccattttgt tcaagcttt 350
acattaacat tcttagcaga atgggtgtat cgctctcaac taactacaat 400
tgtattggca gctagagagg acccctatgg tgtagccgtg ggtgaaactg 450
tgggcaacc ccttgc 466

<210> 302
<211> 648
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 10, 15
<223> unknown base

<400> 302
tcgaacccan ggggnccgccc gaacgcgtgg gaccatatacg agaaatagca 50
tgaatatttt tattaggaga tgtttcaaag actgtattcc aatggtaaaa 100
ggaaagtcca aaacctttt aaggaacact gcaagttgag cctctgtgt 150
tttaataggt aggtgacccctt gcctgagtca gtcttttga atttcaattt 200
tctaattttt aaaatgagggt ttttgggtat ccctcagttt ccttcagct 250
ctggaatttg gtgggtaagt taccttgaat gtgtatcttt tcttggtaaaa 300
attttaaaaaa acaatatacg aggaaacaaa tccttttac tcctattttt 350
tagaaataac ccctaaacctt ggtaatattt tgacgtgttt ttttcaaact 400
tgtctgtgca ttttttaaag gagttctgt cgtatatacg tatgccctgc 450
ttttgtgtgc atgttaagca tttggatgtt tattttaaag tggaatgcct 500
tgaagaatga atcagtcaga cctactgtta acattttgtat gtatttcaga 550
ctgacttaca attttttgtt atttgatatt atgtataatt atatcctgca 600
tttacttagc atattaagga ttttttata tgtaattta aagtggaa 648

<210> 303
<211> 444
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 83, 103
<223> unknown base

<400> 303
atttttatg tattcatagt ataaaagacc ttcaaaaaat aggttatatt 50
tttggggat tctagaaaaac agtccttga acncagtaag ctggctttc 100
acncattgcc agtggttaatgt gttaactgcc cttgccatt taattatgag 150
gctaaagatg ttttgacac cgacatgtg tgttatggct tccttgatat 200
gctctcgaca gctcttggc tggcttttc gcagagttcg ttttggagaag 250
gttatcttg gcattttaac agtgatgtca atacaagggtt atgcaaacct 300
ccgtaatcaa tggagcataa taggagaatt taataatttgc ctcaggaag 350
aactttaca gtggatcaaa tacagtagcca catcagatgc tgtcttgca 400
ggtgccatgc ctacaatggc aagcatcaag ctgtctcacac ttca 444

<210> 304
<211> 427
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 81
<223> unknown base

<400> 304
atgaaatcct gctttcttt cctcagaact actatattca gtggctaaat 50
ggctccctga ttcatggttt tggaatctgg ntccctttt ttccaaacctt 100
tggtaatttgc gaatttgatgc ccttgcctt tttttcttgc gaatcagaag 150
gctttgctgg cctgaaaaag ggaatccgag cccgcatttt agagactttg 200
gtcatgcttc ttcttcttgc gttactcatt cttggatag tgtggtagc 250
ttcagcactc attgacaacg atgcccgaag catggaatct ttatatgatc 300
tctggagtt ctatctaccc tatttatatt cctgtatatc attgatggta 350
tgtttggtagt ttcttcttgc tacaccagtt ggcccttctc gtatgttac 400
agtgtatgggt cagttgttag tgaagcc 427

<210> 305
<211> 600
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 14, 19, 27, 54, 65, 126
<223> unknown base

<400> 305
atagtattaa gtcnattgng caagtgnagc cttagaagat ttggagtgtt 50
tttnactctt ttcntggtg gcttagaatt ttctccaaga aaagttaaga 100
aagggtgtcaa gatttcctta caaggncgt gtacatgaca ctgttaatga 150
ttgcatttgg ctgctgtgg gggcatctt tgccgatcaa acccacgcag 200
agcgcttca tttccacgtg tctgccttg tcaagcacac ccctcgtgtc 250
caggttcctc atgggcagtg ctgggggtga caaagaaggc gacattgact 300
acagcaccgt gtcctcggc atgctggtac gcaggacgtg cagctcggc 350
tcttcatggc cgtcatgccg actctcatac aggccccgcg cagtgcatt 400
tctagcatttgc tcgtgaaagt tctccgaatc ctgggtttga ttggtcagat 450
tctttttca ctagcggcgg tttttttttt atgtcttggt ataaagaagt 500
atctcattgg accctattat cggaagctgc acatggaaag caagggaaac 550
aaagaaatcc ttagtcttggg aatatctgcc tttatcttct taatgttaac 600

<210> 306
<211> 492
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 120, 215
<223> unknown base

<400> 306
aacctatata aaatagttt tagcagttt tagctgtgac catcaagtca 50
gataatttgg gatgttcaca gagagctctg ggtgattatg acagtgacca 100
cccacatctc ttatttgttn tgcttcattt ctctactagg gagaggaggt 150
catataatat atggtatttt tatgttattt tagataaaatc catatcaaca 200
cagcacagga gaacnaatta tacccctgg tagattttgg ggtataaaacg 250
tcatgaaatg tttctcagaa agtgagaaat atttcttgat tgtatcttta 300
aaattaatgc aaaattgtta tgttactcca taatttattt gtgtgcatta 350
ctgtaagggtt catgtgtatt catattaaat tttttttttt aaaaattggg 400
ttcaatgaat tatcttaggtt gattgcattt tttgtggat caagtgttgt 450
ttctcccttt ccataccaag catatcctgc ttttggtaca gg 492

<210> 307
<211> 495
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 19, 49, 65, 158, 178, 211, 218, 221, 225

<223> unknown base

<400> 307
ttacttgtga gtatcatcnt gtccttaat cctgtaccct aaaataagna 50
atacatttt gacanaggct taatgttta acaaaaagagt gtggacattt 100
ttatTTaaa atttaggcaa aagtcactat caaatggtg cttatTTgtc 150
tcacacancc atatagttt tcctggangg tttgtttt tggtgttga 200
aaagactttg nttacagnta natgnaacct tttatagaa aaaaaaaatt 250
gttgcggaaaggct ccagttctca gtaccatgtg agttaatgt actacaacta 300
agttctttt aaaaagtgtat taatgttattt tataaattac ctttcacat 350
atgcAAAATC tgTTTCTACT acaatgttat ttTTactaat gccttattgt 400
tgcactctt ttgaaatATC ctgcagtgaa tatatgaatc aatttggct 450
taaaactgaa agccagttgg ctgaaaggTT tgaaatacgt acccc 495

<210> 308

<211> 478

<212> DNA

<213> Homo Sapien

<220>

<221> unsure

<222> 18, 43, 154

<223> unknown base

<400> 308
ttctttcttt tccccatntc attcattcag gtcctttcg canaagttag 50
gtatttagat aatcaaaacc ccacacaaga cctcaacagc aaatacagat 100
gaaatgtatat tattatttca attaaaaagg gaataatatt tgttaggccat 150
tgtnaccagt attctctcg tttaactagt ttgcgtcat ttaaattaag 200
tgctgcttt cagctttgt gtacagctat aagtgcacat tggaatttat 250
atgtatatat atatacgat agagagagag agagaaaatg actgctgggt 300
cagtgtgtgt ccctcagatc ataccactac gagtcgcctca gcctggaaaa 350
gctaaccatg aaattgataa caatacgctt ttggaaatga aatcaggtaa 400
gaatcacata tgTTTgaaat tgTTTaaat aacattgtca tatttcttgt 450
gttatctgggt tgctggTTA tctctttt 478

<210> 309

<211> 469

<212> DNA

<213> Homo Sapien

<220>

<221> unsure

<222> 24, 132, 155

<223> unknown base

<400> 309
gtggcccgta tggctagtcc tgtntaagcg cgcccatttc gagcccaagt 50
ttccagactcg ggttccggg ctcagaattt tccaggagtg ggttcttggg 100
cagtggctgt ggaacaggaa tggcgcagct anagggttac tgtttctcgc 150
cgccnntgag ctgtacacctt ttagtgtcct gcctcctctt ctccgccttc 200
agccggggcgc tgcgagagcc ctacatggac gagatcttcc acctgcctca 250
ggcgcagcgc tactgtgagg gccatttctc ccttcccag tggatccca 300
tgattactac attacctggc ttgtacctgg tgcagttgg agtggtaaaa 350
cctgcattt ggatctttgg atggctgaa catgttgctc gtcatttgg 400
gatgctcaga tttgttaatc ttctattcag tggcaac ttctatttac 450
tatatttgct tttccaccaa 469

<210> 310
<211> 524
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 4, 15, 206, 227
<223> unknown base

<400> 310
cgcntcgccc catgnacgcc ttgtgcgtt cggggagtc ggctccaagt 50
ctgggactcc aacctgtctg tgcacacaga aaacccggac ctcactccct 100
gttccagaa ctccctgtcg gcctgggtgc cctgcata cctgtgggtc 150
gccctgcctt gctacttgct ctacctgcgg caccattgtc gtggtacatc 200
atcctntccc acctgtccaa gctcaanaat ggtcctgggt gtcctgtgt 250
ggtgctcctc ctggcggac ctttttact cttccatgg cctggtccat 300
ggccggggccc ctgccccctgt tttctttgtc acccccttgg tgggggggt 350
caccatgctg ctggccaccc tgctgataca gtatgagcgg ctgcagggcg 400
tacagtcttc ggggtcctc attatcttct ggttcctgtg tgtggtctgc 450
gccatcgtcc cattccgctc caagatcctt ttagccaagg cagagggtga 500
gatctcagac cccttccgcc tcac 524

<210> 311
<211> 501
<212> DNA
<213> Homo Sapien

<400> 311
ccatcaggaa ggtgaaagag gtctttggga cagggccat gagacatgtg 50
gtcattcctct tcacccacaa agaggactta gggggccagg ccctggatga 100

ctatgttagca aacacggaca actgcagcct gaaagacctg gtgcgggagt 150
gtgagagaag gtactgtgcc ttcaacaact ggggctctgt ggaggagcag 200
aggcagcagc aggcagagct cctggctgtg attgagaggc tggggaggga 250
gcgagagggc tccttccaca gcaatgacct cttcttgat gcccagctgc 300
tccaaagaac tggagctggg gcctgccagg aagactacag gcagtaccag 350
gccaaagtgg aatggcaggt ggagaagcac aagcaagagc tgagggagaa 400
cgagagtaac tggcataca aggcgctcct cagagtcaa cacttgatgc 450
ttttgcatta tgagattttt gttttctat ttttgtcag catactttt 500

t 501

<210> 312
<211> 655
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 85, 118
<223> unknown base

<400> 312
tctttgttct cacaagttat cttaacattt gaatgaccct gaattaggaa 50
gttaaagtga acttgggtgg atttggatac tgctntaaa gttagaaaaat 100
taggtcattt gacatttntg ctccgtgtt tgccatgtt ggttcctaca 150
tactttgca aagatcaagg aagacctttg aggcatctt ttatcttta 200
tttctattac tatcacccca attcaagtca tcatcattac cctggacttc 250
tggatagct tcccactgtt cccactcata tactcttgc cactgcattc 300
cccccaaacc ccctaaaatt catttccag atagtgacta gagtgaatcg 350
actatatctt ctctttcct gctctggata taatttatat ctttcctgc 400
tctggatata atttatatcc ttcatctcc atttctgtgc ccctgtgtgc 450
caactgctat tgtctgcatt agatggactt ctttatcttc tggattctat 500
tgaatttggta gaaactgggaa gggtaagta ggagatcagt gtgtgggaga 550
agaaaagaagt ttgagttt atcacctagg aagggggact tccaggacac 600
tggttggcag ggtatgtggg cctctactgg aggccttagtt ccgactgtgt 650

tgc 655

<210> 313
<211> 239
<212> DNA
<213> Homo Sapien

<220>
<221> unsure

<222> 226, 234
<223> unknown base

<400> 313
ttttttttt ttttttttg gattaatgag gaaatcattc tgtggctcta 50
gtcataattt atgcttaata acattgatag tagcccttg cgctataact 100
ctacctaaag actcacatca tttggcagag agagagtcgt tgaagtccca 150
ggaattcagg actgggcagg ttaagacctc agacaaggta gtagaggtag 200
acttgtggac aaggctcggt tcccanccgg acgngtggg 239

<210> 314
<211> 175
<212> DNA
<213> Homo Sapien

<400> 314
atttgggtt ttttttcca aaaattgctg aaatattgtt ttgccatttt 50
taaaaagtct caggttatta ccactctgcc attaaatatt tgtatgcctg 100
catttttaaa aattctgtgc atgtacttta tggagtagat tctattttg 150
ttttcagata ccccgacgc gtggg 175

<210> 315
<211> 971
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 262, 355, 369, 486, 539
<223> unknown base

<400> 315
cggacgcgtg gggaaacctt gccttcaagg gtttttgtt ttgtttgtt 50
ttgtttttg ttgtttggg ttgtttgt ttgtttggg ttgtttttg 100
gagtctcgct ctgtcgccca ggctggagtg cagtggcgca atctcggttc 150
actgcaagct ccgcctcccc ggttcacgtc attctcctgc cttagcctcc 200
cgagtagctg ggactacagg cgtccactac cacgcctgga taatttttg 250
tattttcagt anagacgggg ttccaccgtg ttagccagga tggtcttgat 300
ctcctgacct catgatcccc cctgcctcggt cctcccaaag tggtggatt 350
acagngcgtg agccaccgng ccgggcacct tcaaggttt gttaattttg 400
gataatgcta caatccgtt ctgcaaagaa ctcgaaaatg cacacgccaa 450
cataggagtt cttttatgc ccccaaacat taagtnttc atccaacccc 500
tcaatcgggg cataataaaa gcattcaagg cacactacna caagggagct 550
ttatatgaag gcctgtgagg ctctcaggac caacaaggaa accaccatgc 600
tggactattg gaagtcggtc actacatgca acgttattga ttatgtcagt 650

acagcctggg agagcattgg tcaggctact accaataact gttggggaaaa 700
tgtttggcca gactgcgtgg agaattttga agggtttgaa ggtgttacag 750
aaaatataaa gaacactgtc agagacataa tgcataatggc acagcaggta 800
agtggagagg gctttgatga cgtgaaggaa ggagatgtgg agtacatttt 850
ggcagagaag gcagtggAAC caaccaacga agacctggat gagatggcaa 900
aacaaggcat tggagttgat ggccatgaaa gtcgccccaa gacttccaga 950
attgtccctc tcacagcgccc c 971

<210> 316
<211> 673
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 67, 115, 126, 132, 135, 274
<223> unknown base

<400> 316
aaattctact tcctggatt tggaaggcca aaacatTTT tccccatggg 50
atacatcccc atgttntgg cacaatcctt ctTgaaaat aatatggAAC 100
ttagatataat ttAGNCATTA CGTCNTCTG GNTGNATGAC ATCATTCAAG 150
agctttcaa agcattgtt cagatTTCA GTACTGGCCA GTTTCATAC 200
agtctcgggg ttTTAAAact ttgaaatcaa ggacacgacg TCTCCAGTCT 250
acctccgaga gattagttga aacncagaat atagcgccat cattcgtgaa 300
ggggTTTCTT ttgcgggaca gaggatcaga tggagagt ttggacAAAC 350
tcatgaaaac caaaaatata cctgaagctc accaagatgc attaaaact 400
ggTTTGCgg aaggTTTTC tgaaagctca agcactcaca caaaaaacca 450
atgattccct aaggcgaacc cgtctgattc tCTTCGTtCT GCTGCTATTc 500
ggcatttatg gacttctaaa aaaccCATTt ttatctgtcc GCTTCCGGAC 550
aacaacaggg cttgattctg cagtagatcc tgtccagatg aaaaatgtca 600
ccttgaaca tgttaaagggtt ggaggaag ctaaacaaga attacaggaa 650
gttgtgaat tcttgaaaaa tcc 673

<210> 317
<211> 557
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 27, 43, 52, 59
<223> unknown base

<400> 317
cgcttggca ggttggggtt gaaactnttc accccttgcg gtntgtactg 50
cntcccaant gagcagccag gagaaggcta gagcctgtgc cttagtgc 100
gatacgcttga ggaactggtc ctccctcctt aggctgtgtc ggcttgagct 150
gggagcctga gagctggggc agttgtctct aaagtggctt ctggattct 200
ggtaagagcg ttacatcctt actattcaaa gtgccatcca cagacctgct 250
gatggcagc atgagcatca cctgggagct tgctgcgcgt tagaatctt 300
aggggtctcc atccagatca gctgaatcag agtttgcatt gttaacaaga 350
ttctgcttct cagaagatgc actattatag atactctaacc gccaaggta 400
gctgctggta caagtaccc tccttcagct acaacatcat cttctgggt 450
gctggagttg tcttccttgg agtcgggctg tggcatggc gcgaaaagg 500
tgtgctgtcc gacctcacca aagtgaccctg gatgcatggc atcgaccctg 550
tggtgcc 557

<210> 318
<211> 570
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 1, 38, 52, 104
<223> unknown base

<400> 318
ntgcagtcaa cgtagttcc cgggttcagc ctggaaat ggcgaaatcg 50
gnaaccccag agcccggtgg ttagaccggg gtccggcgct tcccccacag 100
cccnnttcct aatcgtttag acggaggctg gtcgacttcg ccggagactg 150
ccagatctcg ttcttcttcc ctgtgtcatc ttcttaatta taaataatgg 200
gggatgaaga taaaagaatt acatatgaag attcagaacc atccacagga 250
atgaattaca cgcctccat gcatcaagaa gcacaggagg agacagttat 300
gaagctcaa ggtatagatg caaatgaacc aacagaagga agtattctt 350
tgaaaaagcag tgaaaaaaaaa ctacaagaaa caccaactga agcaaatcac 400
gtacaaaagac tgagacaaat gctggcttgc cctccacatg gtttactgg 450
cagggtcata acaaatgtt ccatcattgt tcttctgtgg gctgttagtt 500
ggtcaattac tggcagtggaa tgttttcctg gagggaaacct atttggaaatt 550
ataatcctat tctattgtgc 570

<210> 319
<211> 698
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 27, 57, 82, 87, 148
<223> unknown base

<400> 319
tcagcgggta agaaaattct acttccnnggg atttttgtaa aaggcaaaaa 50
ccttttnttc cccattggca tacatccccca angtttntgc ccaatccttc 100
ttttgaaaat taaatatgga acttagatat attttagtcat tacgttcntc 150
tggcttgtat ggacatcatt caagagctt tcaaagcatt tgttcagatc 200
ttcagtagttt ggccagttt catacagtct cggggtttta aaactttgaa 250
atcaaggaca cgacgtctcc agtctacctc cgagagatata gctgaaacac 300
agaatatagc gccatcattc gtgaaggggt ttctttgcg ggacagagga 350
tcagatgttgc agagtttggaa caaactcatg aaaacccaaaa atatacctga 400
agtcacccaa gatgcatttta aaactggttt tgccgaaggt ttttctgaaa 450
gctcaagcac tcacacacaaa aaccaatgat tccctaaggc gaaccggct 500
gattctcttc gttctgctgc tattcgcat ttatggactt ctaaaaaacc 550
cattttatac tgtccgcttc cggacaacaa cagggcttga ttctgcagta 600
gatcctgtcc agatgaaaaaa tgcacccccc gaacatgtta aagggttgaa 650
ggaagctaaa caagaattac aggaagttgt tgaattcttg aaaaatcc 698

<210> 320
<211> 443
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 4
<223> unknown base

<400> 320
gccnagcgga cggggccgctt aaacgggctg ctcgtgccga ttctttacc 50
tgagaaaatgc tacgaccaac ttttcgttca gtgggacttg ctgcacgtcc 100
cctgcctcaa gattctccctc agcaaaggcc tggggctggg cattgtggct 150
ggctcaacttc tagtaaagct gccccagggtg tttaaaatcc tgggagccaa 200
gagtgctgaa gggttgagtc tccagtcgtt aatgctggag ctgtggcat 250
tgactgggac catggtctac agcatcacta acaacttccc attcagctct 300
tggggtgaag ccttattccct gatgtccag acgatcacca tctgcttcct 350
ggtcatgcac tacagaggac agactgtgaa aggtgtcgct ttctcgctt 400
gctacggcct ggtcctgctg gtgcttctt cacctctgac gcc 443

<210> 321
<211> 477
<212> DNA
<213> Homo Sapien

<400> 321
gttggcctga ttctccccac cagaggacag acgttcaaag ataccacgtc 50
cagtttcag cagacgcaac tatcatggac attcaggtcc cgacacgagc 100
cccagatgca gtctacacag aactccagcc cacctctcca accccaacct 150
ggcctgctga tgaaacaccca caaccccaga cccagaccca gcaactggaa 200
ggaacggatg ggcctctagt gacagatcca gagacacaca agagcaccaa 250
agcagctcat cccactgatg acaccacgac gctctctgag agaccatccc 300
caagcacaga cgtccagaca gaccccccaga ccctcaagcc atctggttt 350
catgaggatg accccttctt ctatgtgaa cacaccctcc ggaaacgggg 400
gctgttggtc gcagctgtgc tgttcatcac aggcatcatc atcctcacca 450
gtgcggacgc gtggcgacgc gcgtggg 477

<210> 322
<211> 505
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 48, 75
<223> unknown base

<400> 322
cagtccttt agattgtgtt ttgcctcctc caatgttagag ttgacatntg 50
gaccccgag cccaggcagg cttnntgtca gacatgttagg gtggtagaaa 100
tgggcctcc aggtccccct gcagtgcact gggcagagac ctccggaaag 150
ccggcagcgg gagcgcttcc tggcagctt ccccgagcac agtgttccca 200
aaccagtcca tccggaaaac agtctgtaca gcaaattgtc tgtgagatct 250
taggcctttc actttttttt gttttgtttt gttttgaaa gaaagaaaaaa 300
aataacaatta acaaggctct tttgtaaatg gtttccttt ctatgtataa 350
aatcgtggtg gtcccttgtt tttacatgtt catgctgtgt aattttgaga 400
tgttactgag atatgttctg aacataatgt gcattttttt ctgtacagat 450
gaaatgggag aatttaataa agagtttgca gcccacgcgt ccgcggacgc 500
gtggg 505

<210> 323
<211> 632
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 21, 75, 80, 107, 117
<223> unknown base

<400> 323
gaagtgttca ctggacaatt ngcaagtttag gtccagttcc agttggagga 50
ttcttcatt gttccaagggt gtggnaattn caatggtcct gatctccatt 100
tttgcgncaa tctattncaa tgtcataatt gcctatagtc tttactacat 150
gtttgcttct ttccaaagtgt aactaccatg gaaaaattgt tcttcgtggt 200
cagataaaaa ctgttagcaga tcaccaatag taactcactg taatgtgagt 250
acagtgaata aaggaataca agagatcatc caaatgaata aaagctgggt 300
agacatcaac aattttaccc gcatcaacgg cagtgaaatt tatcagccag 350
ggcagcttcc cagtgaacaa tatttgaata aagtggcgct ccaacggtca 400
agtggaatga atgagactgg agtaattgtt tggtatattag cactttgtct 450
tcttcggct tggctcatag ttggagcagc actattaaa ggaatcaaata 500
cgtctggcaa ggtggatatat ttacagctc tttcccccta tgtggccta 550
ctcatccctgt tagtacgagg tgcaactctg gagggtgctt caaaaggcat 600
ttcatactat attggagccc cgacgcgtg gg 632

<210> 324
<211> 502
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 9, 24
<223> unknown base

<400> 324
cggggggcnt acaccactgc ctngntttc accaccgcgg ccgtgcagtt 50
ggaattgatc acacctttc agttgtactt caatcctgaa ttaatcttta 100
aacactttca aatatggaga ttaatcacca acttcttatt ttttgggcca 150
gttggattca atttttatt taacatgatt tttctatatac gttactgtcg 200
aatgctagaa gaaggcttcc tccgaggtcg gacagcagac tttgtattta 250
tgttcctttt tgggtggattc ttaatgaccc tttttggct gtttggcgc 300
tttagtttct tggccaggc ctttacaata atgctcgatc atgtgtggag 350
ccgaaggaac ccctatgtcc gcatgaactt cttccggcctt ctcaacttcc 400
aggccccctt tctgccctgg gtgctcatgg gattttccctt gttgtgggg 450
aactcaatca ttgtggaccc tttgggtatt gcagttggac cgacgcgtg 500
gg 502

<210> 325
<211> 375
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 9
<223> unknown base

<400> 325
tgcaaattnt gagattcaga gactaaagta atttattttat acatagctaa 50
tcagtgccag agctgtgaat ctaagattat cttgctctta atcacaaaaa 100
tacacagtta ttagttgtt gcatttgatg caaatgactt ggaacccaca 150
catttacac attttaatg aatgaaatga ctatgttgc tcattacacg 200
tttgtggaaa ttttgcagct aggttttaaa ttaagaacac cagatttatt 250
taaatacaat ttaaaatcat tgtattccaa atggaagttt tcttctataa 300
gaataccagg ctggatgtgg tggctcacac ttgttaatcct agcactttgt 350
gtggccgagg aagcggacgc gtggg 375

<210> 326
<211> 198
<212> DNA
<213> Homo Sapien

<400> 326
gtcaggattt ttgaagtttt ttttttata gtgagataat ggagttggc 50
ttagccgctg caggagccct tctttctgt ggattcatca tctatgacac 100
acactcactg atgcataaaac tgtcacctga agagtacgta ttagctgcca 150
tcagcctcta cttggatatc atcaatctat tcctgcccga cgcgtggg 198

<210> 327
<211> 489
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 18
<223> unknown base

<400> 327
caagtttaggt gatccagntt ttgtggtctt ttgcaaccct tgtggcatt 50
gtgcccttga tattaatctt cgtgggggt cctcgccatg gcagacaaac 100
attcttgcgt acataacaat ctgctctgta atcggcgctt tttcagtctc 150
ctgtgtgaag ggcctgggca ttgctatcaa ggagctgttt gcaggaaagc 200
ctgtgtgcg gcatccccgt gcttggattc tgctgctgag cctcatcgctc 250
tgtgtgagca cacagattaa ttacctaaat agggccctgg atatattcaa 300

cacttccatt gtgactccaa tatattatgt attctttaca acatcagttt 350
taacttgttc agctattctt tttaaggagt ggcaagagat gcctgttgac 400
gatgtcattg gtacttttag tggcttcttt acaatcatgg tggggatatt 450
cttggcat gcctttaaag acgtcagctt tagtcttagc 489

<210> 328
<211> 559
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 43, 46
<223> unknown base

<400> 328
aaagtggccc tttagggta aagagttta aagagttaa tngntntatg 50
gcaggtttgg gaaaggttaag aaatgggtcc ttttcctcc taatgtttt 100
ggcacttaaa acataaaatt cattatccta taaaaaaatt aaattcagtt 150
tgctaattcca gaaattgttc ccaaattgaaa acttggttta agtccacccc 200
ttagttccct tattttacaa ggtctctttt cagggaccaa cagggccta 250
gagagcctta gtttagattaa agggagaccc tacctcttaa aaccagttt 300
catttatgca aacaaggaca attaaggaa ccctgacccc acaggcttc 350
aagtcttccc aaggccagaa tcgaaagaaa attaaaattt gaatgctgaa 400
tattctggct ctactctggc cttttttctt gttcccttc caaatgcac 450
aaatcataacc cttgtctgtt ccaattcagt ctccaaacctt ggtgcctgtg 500
ctcctggccc cccttagcatc atgctatccc aggagtatca ggaccagaca 550
catccacgg 559

<210> 329
<211> 523
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 4, 14, 60, 71, 99
<223> unknown base

<400> 329
ggcnacggcg gccnaagacg gacatgaagc aatatcaagg ttccggcg 50
gtccccatgn atgtggAACG nagtcgtttt cccctactgc gtgggtgna 100
cgcccatccc ggtgctcacg tggttttcc ccatcatcggtt ccacatgggc 150
atctgcacat ccacaggagt cattcggac ttgcggccc cctactttgt 200
ctcagaggac aacatggcct ttggaaagcc tgccaagtac tgaagttgga 250

ccctgctcag gtctatgcta gcggggccaa cgcacatggac acggctgtgc 300
acgacgcctc tgaggagtac aagcacccgca tgcacaatct ctgctgtgac 350
aactgccact cgcacgtggc attggccctg aatctgatgc gctacaacaa 400
cagcaccaac tggaaatatgg tgacgctctg cttcttctgc ctgctctacg 450
ggaagtacgt cagcggttggg gccttcgtga agacctggct gcccttcatac 500
cttcttcctgg gcatcatcct cac 523

<210> 330
<211> 365
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 83, 124
<223> unknown base

<400> 330
tttgatttaa tggattgtgt gtgtctcctc ctggcaactg gattttgcct 50
gttcagaggt ttgattgctt tggattgccc atntgagctc tgccgattat 100
atacgcaatt tcaagagccc tatntaaagg atcctgctgc ttatcctaaa 150
attcagatgc tggcatatat gttctattct gttccttact ttgtgactgc 200
actgtatggc ttagtggttc ctggatgttc ctggatgcct gacatcacat 250
tgatacatgc tggaggtctg gtcaggctc agtttctca cattggtgca 300
tctcttcatg ctagaactgc ttatgtctac agagtccctg aagaagcaaa 350
aatccttttt ttagc 365

<210> 331
<211> 441
<212> DNA
<213> Homo Sapien

<400> 331
gaaaaatatct ggaggtactg cacataagga ttccaatttc tattttcaga 50
actttcattt gtaatttatg tacgcatactc acgtctattt acgtgtatac 100
tgagttaggg tgtacaacctt ttccctgagg ctgtatctca aaaactttgg 150
aagctgaaga atttgcctaa atctatgttc cttttgttt gtaaatcacc 200
tcatgtatggt gatatacgctg tggccaacgaa aatgtcaagg gaagtctgct 250
ggggaaaggta gacgtaggat aggagtatgg gaaaaaaaaatc ttcactcaaa 300
agcatgatgc acagaggagc tatgatctt tcttgcgttcc ctcactggat 350
gttgcgtatgt ctgtatgtac ttccctggaaac tgtggcacca tcttacaacc 400
atgaaaggag ctcacatgaa atcatgttga acatagcaga g 441

<210> 332
<211> 627
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 45-46, 52, 71, 173, 226, 275
<223> unknown base

<400> 332
aggttggtcc ttttcgggtt ttttggccaa tttcaagttt ccagnntcca 50
tnatccaagt ttgaagcccc ntggcggatc cttaaaaatc cctgacactga 100
ccagggtcgc caagggtcgc acaaggcctg ggccaggttc ccacagggag 150
gtgaaaaaac tcccattccg ttnaaaagca gtttccttg ggaccattt 200
cctttccct ttggccatgg ccgtgnctc caaaggttcc ggtagtttaa 250
tgcaaatgtt ctaccaatag ccccnagaac tccaccaccc tctctctgtc 300
ttgtggctca agtcgagcaa cctgaaagga tatattttt caaataagta 350
attcctgttag gcaataaaaaa gatacactat cttctgagtg aaatataaag 400
agttcacagc agctgtctcc ccagttgca ttttcctctg cacctgatgg 450
gaaggacaga taaagataat gggattttt ctttattttt tatttcacct 500
ccctctctcc ctggaagggtg gaaatgtAAC aaattggatt gtgagtggt 550
ctgtccttg tgcttggtgc ctggagcagg gcatccggct gccgggcaga 600
gctgctgcga gagaggtcag agctacc 627

<210> 333
<211> 607
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 112-113, 151, 175, 183, 196, 211, 215, 223, 241, 247
<223> unknown base

<400> 333
ccaagttgaa gcccattggcg gtccttaaat cctgcctgac cagggtcgcc 50
agggtcgggc aagcaagtgc cagaagaata aagaagatgg acgcaaaaag 100
aagaaaggaa gnnccagaag agacgaagag atgaaacgac agtcagatga 150
natgaggagg aaagaaaagg ttcanaaaagc cgnccggaaat gaaagnncgtc 200
ctggtttggaa ngttttgc AACAGTAAAGA TCCAGCAGGA naggccnaga 250
aagatcgagg tctgcttatac tgctgttacc ttggacacca gagcagctat 300
aggtatctgc cagagctatg aaatcattca gcccggatcct cttcctcggtc 350
ttcctcctcg ccggcctgag gtccaaagccg ctccctcagc ccctctgcct 400

ttgggctgtg gcttccgga catggcccac ccctctgaga cttccccct 450
gaagggtgct tctaaaatt ccaaacgaga tcgccttaac ccagaatttc 500
ctgggactcc ttaccctgag ccttccaagc tacctcatac ggttccctg 550
gaaacccctcc cacttgactt cactgagccc ctcaaccctg acctccgaga 600
aaccccg 607

<210> 334
<211> 417
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 24
<223> unknown base

<400> 334
ttcagactca ctgaatcaga accntggat aggccagcac gctgtgctt 50
accaagctct aggtgatgcc aattcatact caagtgtgag gctgactggc 100
ttatttgaag ggagagaaaag gaacaggcac atggcgacat atcagcattt 150
acacaaggcg tgctggtaa ccataggaac acctttatta cggttaaata 200
ggaaacaggc atcaatgcag agggccccc ggagaatcag gaaggtcgcg 250
actgtcactg tctgagggca ctgttgtgaa acgtggccg aaggtgacaa 300
ccacagcaaa gtttcaagga agttcactga aacgtggaaa aaccactca 350
atgtcctgct ctcattata ttgagtggt taagtattta ttttcttgg 400
tttttagagg aaggag 417

<210> 335
<211> 531
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 40, 76
<223> unknown base

<400> 335
gaagcttcgg ttgccaagcg acatgttcaa ggttaattcan aggtccgtgg 50
ggccagccag cttgagcttgc ttcacnttca aagtctatgc agcacaaaaaa 100
aaggactcac ctccccaaaaaa ttccgtgaag gttgatgagc tttcactcta 150
ctcagttcct gagggtcaat cgaagtatgt ggaggaggca aggagccagc 200
ttgaagaaaag catctcacag ctccgacact attgcgagcc atacacaacc 250
tgggtgcagg aaacgtactc ccaaactaag cccaaatgc aagtttgg 300
tcaatggggg ttagacagct atgactatct ccaaaatgca cttcctggat 350

tttttccgag acttgtgtt attgggttg ctggccttat tggactcctt 400
ttggcttagag gttcaaaaat aaagaagcta gtgtatccgc ctggttcat 450
gggattagct gcctccctct attatccaca acaagccatc gtgttgccc 500
aggtcagtgg ggagagatta tatgactggg g 531

<210> 336
<211> 446
<212> DNA
<213> Homo Sapien

<400> 336
ggcgccgag gcggacggcc gcttaaacgg ctgctcgtgc cgattcttt 50
acctgagaaa tgctacgacc aactttcgt tcagtggac ttgcttcacg 100
tccccctgcct caagattctc ctcagcaaag gcctgggct gggcattgtg 150
gctggctcac ttctagtaaa gctgccccag gtgtttaaaa tcctggagc 200
caagagtgtc gaagggttga gtctccagtc tgtaatgctg gagctagtgg 250
cattgactgg gaccatggtc tacagcatca ctaacaactt cccattcagc 300
tcttgggtg aagccttatt cctgatgctc cagacgatca ccatctgott 350
cctggctatg cactacagag gacagactgt gaaaggtgtc gtttcctcg 400
cttgctacgg cctggtaactg ctggtgcctc tctcacctct gacgcc 446

<210> 337
<211> 489
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 16, 67
<223> unknown base

<400> 337
cggaacgcgt gggcgnacgc gtgggcaaga tgtccctgtg gactccaaa 50
ctctactcca gatgggnagg tgcccttaac accaagatTT taaaagctcc 100
aatttcagag caagagtgcgaa aaactcacag ataaagttat agttatttca 150
gggttctgaa aagacgcaga acatgaaggg actcagaagt ctggcagcaa 200
caaccttggc tctttcctg gtgttgcTT tcctggaaa ctccagctgc 250
gctccgcaga gactgttggaa gagaaggaac tggactcctc aagctatgct 300
ctacctgaaa gggcacagg gtcgcgcTT catctccgac cagagccgaa 350
gaaaggacct ctccgaccgg ccactgcgg aaagacgaag cccaaatccc 400
caactactaa ctattccgaa ggcagcaacc atcttactgg cgtcccttca 450
gaaatcacca gaagatgaag aaaaaaactt tgatcaaac 489

<210> 338

<211> 452
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 3
<223> unknown base

<400> 338
ccntgcacaa gcagcacttt ctttgccat agcaacatgt gcatcaataa 50
ttcttagtc tgtaatggtg tccaaaattt tgcataccct tggatgaaa 100
atcattgtaa agaaaagaaa aaagcaggag tatttgaaca aatcactaag 150
actcatggaa caattattgg cattacttca gggattgtct tggccttct 200
cattatttct atttagtac aagtggaaaca gcctcgaaaa aaggtcatgg 250
cttgcaaaac cgctttaat aaaaccgggt tccaagaagt gtttgatcct 300
cctcattatg aactgttttc actaaggggac aaagagattt ctgcagacct 350
ggcagacttg tcggaagaat tggacaacta ccagaagatg cggcgctcct 400
ccaccgcctc ccgctgcattc cacgaccacc actgtgggtc gcaggcctcc 450
ag 452

<210> 339
<211> 354
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 27
<223> unknown base

<400> 339
aaataaagaa ccatggtatac atgttgntca gtgcttcaga cagaaagatt 50
gttgaagcat caaggagagc ttttgttatg tggcaatgaa ctacgaagag 100
gaaatggcca agaaacccga ttgtcttagag aaagtttacc aactacctga 150
tgggaaggtc atccagctcc atgaccagct ctttcttgc ccagaggccc 200
tcttcctcc gtgtcatatg aaccttgagg cccctggcat tgataagata 250
tgcttcagca gcataatgaa atgtgataaca ggcctgagga attccttctt 300
ttccaatatt atccttgccg gggatcaac ctcttccct ggttagaca 350
agct 354

<210> 340
<211> 547
<212> DNA
<213> Homo Sapien

<220>
<221> unsure

<222> 20, 77, 101, 142, 151
<223> unknown base

<400> 340
tggcgtcct aaaatcctgn cctgaccagg gtccggcggt tcagttggag 50
aaaaagtgt a gccttcagg tggcaantgg tccaggtacc ggtatttggc 100
nggcccgttt ttgcctcctc ctccgtgggt gggcgaaa ntggccgg 150
ncggccttgg gacggcccaag gtcccgccg caaggtccgg gccaatacat 200
agtcatcagt agaaacttct tgaagttgtt caagaaaaat ttgaaagtag 250
caaaatagaa aataaagaat taacacgaga tacagaggca gcatgaagt 300
ttgtcttagg aaacagaaca cagcagtgaa aaaacagaca aaatccgctc 350
agataacaact gcagctgata atgtttccg gcttcaatgt cttagagtt 400
gggatctctt ttgtcataat gtgcatttt tacatgccaa cagtaaactc 450
tttaccagaa ctgagtcctc agaaatattt tagtacattg caaccaggaa 500
aaggctctt agcttatttt tgtcaagctg attccccaa agataca 547

<210> 341
<211> 374
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 34, 42
<223> unknown base

<400> 341
ccgaatcaag ttcgagtcat ccgtgtggc atnngtcccc cttggcacag 50
ttggcttctt tccagaagcc cgtttggtt gtttacgtc taaattcg 100
tcggttctta ttctctccc tggcaaggc tgaagacggg taggagaata 150
acctgtgtca gcgtgttatg atgcgtccc gtaccaacct ggctactgga 200
atccccagta gtaaagtgaa atattcaagg ctctccagca cagacgatgg 250
ctacattgac cttagtttta agaaaacccc tcctaagatc cttataagg 300
ccatcgcaact tgccactgtg ctgttttga ttggcgccctt tctcattatt 350
ataggctccc tcctgctgtc aggc 374

<210> 342
<211> 515
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 25
<223> unknown base

<400> 342

agttccggca agggtgcata cggcgtgtgt gtggcgcaag gcaaggaaac 50
cggtaccgg gtcctggccc cagcgctgac gtttctctc cccttcttc 100
tctctcgcg gttgcggcg tcgcagacgc tagtgtgagc cccatggca 150
gatacgaccc cgaacggccc ccaagggcg ggcgtgtgc aattcatgat 200
gaccaataaa ctggacacgg caatgtggct ttctcgcttg ttcacagttt 250
actgctctgc tctgtttgtt ctgcctcttc ttgggttgca tgaagcagca 300
agccttacc aacgtgctt gctggcaa at gctttacca gtgctctgag 350
gctgcatcaa agattaccac acttccagtt aagcagagca ttcctgtccc 400
aggcttgtt agaggacagc tgccactacc tggtgtattc actcatctt 450
gtaaaattcct atccagttac aatgagtatc ttcccagttc tgttattctc 500
tttgcttcat gctgc 515

<210> 343
<211> 509
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 18, 46, 63, 68, 117, 139, 145, 164, 173, 179, 181, 246
<223> unknown base

<400> 343
cctgacccag ggtccggngg caatttcca tttatgccct gtggtnccgg 50
acatacctag atntcagncc atttcctcca ggtttggcc ttgtttaag 100
gccctgggtt gggattncaa gtggcttgat caacccccnt ttggncagg 150
actaccctta ggnccgtga ccntgactnt ntgcagcatt ttcataccta 200
tcgggttggg cgttttcatt cgctacaat acagccgggg gctgantaca 250
ttgtgaaggt ttccctgtgg tctctgttag tgactctggt ggtccctttc 300
ataatgaccg gcactatgtt aggacctgaa ctgctggcaa gtatccctgc 350
agctgtttat gtgatagcaa ttttatgcc ttggcaggg tacgcttcag 400
gttatggttt agctactctc ttccatcttc cacccaaactg caagaggact 450
gtatgtctgg aaacaggttag tcagaatgtg cagctctgta cagccattct 500
aaaactggc 509

<210> 344
<211> 336
<212> DNA
<213> Homo Sapien

<400> 344
cctaaatagg gccctggata tattcaacac ttccattgtg actccaatat 50
attatgtatt cttaacaaca tcagtttaa cttgttcagc tattttttt 100

aaggagtggc aagatatgcc tggacgt gtcattggta ctttgagtgg 150
cttcttaca atcattgtgg ggatattctt gttgcattgcc tttaaagacg 200
tcagcttag tctagcaagt ctgcctgtgt ctttcgaaa agacgagaaa 250
gcaatgaatg gcaatctctc taatatgtat gaagttctta ataataatga 300
agaaagctta acctgtggaa tcgaacaaca cactgg 336

<210> 345
<211> 380
<212> DNA
<213> Homo Sapien

<400> 345
ttaagtgc aaaccatgcagt gcccggaggat gataccat tta gcaatgactc 50
caatgatttc accgaagtag aaaatggtca gataaaatgc aagtttat tttt 100
ctgatcgta aagttagaaga agtctcacaa acagccattt ggaaaaaaag 150
aagtgtgatg agtataattcc aggtacaacc tccttaggca tgtctgtttt 200
taacctaagc aacgcccatta tggcagtg gattttggga ctcgcctttg 250
ccctggcaaa cactggaatc ctacttttc tggtaactttt gacttcagtg 300
acattgctgt ctatataattc aataaacctc ctattgatct gttcaaaaga 350
aacaggctgc atggtgtatg aaaagctggg 380

<210> 346
<211> 364
<212> DNA
<213> Homo Sapien

<400> 346
gcagcattca gagttactgg ctgtcat tttt tcatggat gat tttat tttt 50
gtagcttca taacctgttg ggaagaagtt actacttgg tacaggctat 100
caggataact tccttatatga atgaaactat cttatatttt ctttttcat 150
cccactccag ttatactgtg agatctaaaa aaatattctt atccaagctc 200
attgtctgtt ttctcagttac ctggttacca ttgtactac ttcaaggtaat 250
cattgtttta cttaaagttc agattccagc atatattgag atgaatattc 300
cctggttata ctttgtcaat agtttctca ttgctacagt gtattggttt 350
aattgtcaca agct 364

<210> 347
<211> 752
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 40, 47, 73, 87, 235, 256
<223> unknown base

<400> 347
acaatgttgg gtaaaataat tgggggggac ttttggccn ttcaaggntta 50
atagtattaa gtctatgggc aantggagcc ttagganaat ttggggggtt 100
tttaatcttt ttccctgggt ggcttagattt ttctccagaa aagttaagaa 150
aggtgtgaag atttccttac aaggcccgtg ttacatgc当地 ctgttaatga 200
ttgcatttgg cttgctgtgg gggcatttct tgcnatcaa acccacgcag 250
agggtnttca tttccaaggt gtctgtcctt tgtcaagcac acccctcgtg 300
tccaggttcc tcatgggcag tgctcggtt gacaaagaag gcgcacattga 350
ctacagcacc gtgctcctcg gcatgctggt gacgcaggac gtgcagctcg 400
ggctcttcat ggccgtcatg ccgactctca tacaggcggg cgccagtgc当地 450
tcttcttagca ttgtcgtgga agttctccga atcctggtt tgattggtca 500
gattctttt tcaactagcgg cggttttct tttatgtctt gttataaaga 550
agtatctcat tggaccctat tatcggaaagc tgcacatgga aagcaagggg 600
aacaaaagaaa tcctgatctt ggaaatatct gcctttatct tcttaatgtt 650
aacggtcacg gagctgctgg acgtctccat ggagctggc tgttcctgg 700
ctggagcgc当地 cgtctcctct cagggccccg tggtcaccga ggagatcgcc 750
ac 752

<210> 348
<211> 342
<212> DNA
<213> Homo Sapien

<400> 348
aaaaaaaaaaaa aaaaaaaaaaa agaaccactt ctgccttatac attctctttt 50
tattaccgaa atgcggagac agaaagtcaa cagagaaaga attgtttcc 100
ccaaggccac acagattgtt ccaacacttg acttttcctg ctaggaactc 150
aatccaagag atgggctttc ttttgttctc tgactataaa aggggtgtcac 200
cttgc当地 cacca tcttctatca cacaggaccc ctatggc当地 ggtttggttt 250
tgttctttca tcattattat ttggaaagtt atatttcctt tactgtcctt 300
gaggtgtgag gttcacctc atcttgtctc catatccctg ag 342

<210> 349
<211> 608
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 19, 46, 101, 110, 132, 271
<223> unknown base

<400> 349
tggatccat ggccagggng gcgtccaggt gcaaaccagt agaacncaag 50
gcctgaacct ggggccagac accttgtttt ccccgccat ggtcaagacc 100
ntccagtacn tgccttactg tgggcccaga antgggccaa gtcttggcag 150
cccggtccgc aggttgtgt gcagttggg gtgttcttct gcaccatcct 200
cctttgtctc tgggtgtctg tcttcctcta tggctccttc tactattcct 250
atatgccgac agtcagccac ntcagccctg gcatttctac tacaggaccg 300
actgtgattc ctccaccacc tcactctgtc cttccctgt tgccaatgtc 350
tcgctgacta agggtgacg tgatcggtg ctgatgtatg gacagccgta 400
tcgtgttacc ttagagcttg agctgccaga gtcccctgtg aatcaagatt 450
tgggcatgtt ctggtcacc atttcctgtc acaccagagg tggccgaatc 500
atctccactt ctccgcgttc ggtgatgtc cattaccgct cagacctgtc 550
ccagatgctg gacacactgg tcttccttag cttcctgtctt tttggctttg 600
cagagcag 608

<210> 350
<211> 590
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 38, 85, 87, 117, 189
<223> unknown base

<400> 350
aaatttggaaa cccataagtt accaagtctt tatcaggngc agtggctttg 50
attaaagccc atttttaaaa cttaaaaact caacncntcc cagattataa 100
tagaaaaaga aatggcntca gtttgcgttc gttcagaatg ccccaagattg 150
ttctgtttt gggcagctgt ttagttcaga gttatattnc agagaattat 200
tttctgagat aatcttaaac tagaatgttc aaaactaatt gataattgaa 250
gtatcaagat acgttagaaca cctcagagat ttttcttcag gaacttccac 300
aaactttgaa tccttgcgttc ttatattttt attcataacta ctagtagcaa 350
aatacagggtt ttttgggggg ttttgggtt atagagtatc 400
tcaaatttggaa acttttctgc acaaagaata aaattaaggaa ttttataaaac 450
tcaaatttggc acctactgaaa taaaataca taaaatcatt taaaatataat 500
tcagcatatg ggaagtaaca ttgcactaat atggaaatca ctgccagaga 550
cagtcttattt tcttttaattt tgttactact tagtcacaaa 590

<210> 351
<211> 517

<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 20, 65, 78
<223> unknown base

<400> 351
tcagaaggga atgaaatccn cagcggacct ggcataaaaa actttggca 50
aagcaattga attgnaagca ataaaaacnga ctttatcaag tcctaaatgt 100
acaagagaag aagagaaaaat cacttgacaa tgaagttgaa aagacagcaa 150
atcttgtcat tagcaactgg aatcagcaaa ttaaggccaa gaagaaatta 200
atggtagta ccaagaaaca tgaagcactt ttccagcttg tagaaagctc 250
caagcaatct atgactgaga aggagaagcg gaagctcctc aataaactga 300
caaaaatcaac tgaaaagttg gaaaaggaag atgaaaatta ctacaaaaaa 350
aacatggcgg gttattctac cagactgaaa tggaaaaaca cactagagaa 400
ctgctaccag agcattctgg agctggagaa ggaaagaatt caactttat 450
gcaataactt aaaccagtac agccaacata tttctcttt tggccaaacc 500
ctgaccacat gccacac 517

<210> 352
<211> 559
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 31, 59, 104, 126
<223> unknown base

<400> 352
tttaaagaaa tggtaaata ctgagcctt ntgcaacctt ttttggaaagc 50
accagccccnc agaagattct gtgacttgtg tgcttttagg tgcaccctca 100
gacntctggc tcaagtacacc tcgggntgat tgagactgtt gcctcagtct 150
ctcatttggg ttgacattat tcatttaat gaatgaatac atttgcgc 200
gaaagtggaa ttctctcatt gttgagagaa aattctcagc ttgagtcaag 250
aagtttccat atttaccaga accttctagc tttgatgagc ataatcactg 300
ctaaaataat gtgtcttctg agcagctggg taccagtgcc tgtggcctgt 350
agcatttagtt actgcctgag ggatggtgac tggttaccgca gaatgggtgg 400
cttcgttgcac ttgtcttctc tcctctccct cttacccact tcccgagaa 450
acaggacagc aggcacagcc agtaacaagc tgtggtacgc ctccctggcc 500
ctgggtacgc tcatacatgta ttccattgcc actggaggct tggtttgc 550

ggcagtgtt 559

<210> 353
<211> 609
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 48, 163
<223> unknown base

<400> 353
gtggccaat gctgtccaaa ctacaggggg ttaatgtaaa gcttgtgnta 50
acatatgaaa agtatttaga aagagcttgg catgtagtaa ccactcaata 100
aaagtttagct actattatga agtgtttcc aatggtttat tttagaagcaa 150
aatagtatca gtntagaagt ccaggctgt ttttctccca aacatgtttt 200
cacaagtgc tccatggct ctttccttcc ttcttcctcc tcttcctcta 250
aaaacatatt ttgctgtgtc tgcttggtca tctttcactg ggccagagaa 300
agaatccctg agggttggac aaggggagca gctgagttgg tgagaaaagg 350
agcccacgc gttgaatgcc tcgaaccact gtgatgagct cttgagctgg 400
gtgccaatca aagtgaagca gtggggcttg ccaggtgaga tgttaatttc 450
agcagtcaca cgtgtccctg tctggactct ccctaggact cttgacccta 500
ccctgcagtg gtttgaatg gattttatta ggctttcatt acattctcat 550
atcattttt tcacttggta tctaagctac acgagagcca gtgtagtgct 600
ttgtccttg 609

<210> 354
<211> 603
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 23, 27, 68, 74, 137
<223> unknown base

<400> 354
ccggtaaccc attgggcctg gcntaanaaa gtttttttaa gccattagac 50
gtttttaaag gaattgg nag atgncaattt gggaaatatt taaaatttaa 100
gtaaaatata aagcttcctt atttcatgtt acccagncaa tctcagtata 150
catgatcagt tgtgtctgac aggttaatct atttggggcc ttatcacacg 200
ttacttttaa gaactagaaa ggaaaaagtca ctgatcttaa gtatttataa 250
tacttcatgt ggtctaatac ttttacgtt ttgtttgtat tcagatttag 300
tccggattcc cggtatctgg cagtaggttc tagtgagaac tcagtgatt 350

tttatgacct aacgctggc cccacttta acagaatcag ctactgcaaa 400
gacattccaa gcttgcat tcaaatggac ttctctgcag atagcagtta 450
tctccaggta cagtagccat actgtatacc caggtggcaa gttctctgc 500
tttacattt cgtgttagtg aatgcattt aagttcctga gtcgcagac 550
tccagttct caactcctcc ctttgatct tctgacctac agtccttctt 600
tcc 603

<210> 355
<211> 633
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 79, 101, 115, 122, 135, 161, 192, 204, 252
<223> unknown base

<400> 355
tcatggcggt atactttggc aagtggttat ctttaacgg gtttcatttt 50
cccagttgtt aaatttacag ttggtaant aaaagtttt cccagtcga 100
ncagggcgta atcanagatc cntaagtgtt tagtncaggg catgtgctt 150
ttaaagtggg natggctatt tacagattgg octacactgt tntggtggga 200
gccntcagtg accaaggagc agaggtactt gaaacccacc cttgaagcca 250
tntggatgct ccgttcattc aaatctgggg tggtaacc caaagtaact 300
ggccacagac tgcaatgtaa gatacaaatac ttcaggacct agtgtgtgca 350
catgttggct cttatataag atggcattct tagtacttgt tctatgtaga 400
aaagaatttg tgggctcaca agtccctaca gagtctcaca ctctcatggc 450
caataagtat acagggatac ccggaattag acaaacacag atgagacatt 500
tatttctgtt tatgaattt ttttatttt ttattttt tttgggacag 550
ggtctcgctc tgctgccccat cctggagtgc ggtggcctgg ctcattgca 600
gctccgcctc ccgggtttac accattctgc ctc 633

<210> 356
<211> 569
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 41, 64, 83, 86, 115
<223> unknown base

<400> 356
ttaatttagat aattttaaagt agcgaaaaat tctacaatgt ntgaagaagt 50
gacctacgca acantcacat ttcaggattc tgntgnagca aggaataaccc 100

gagatggaaa taacntaaga aaaagaggc atccagctcc atctcccatt 150
tggcgcatg ctgcgtggg tctggtaact cttgcctga tggtgctgat 200
tgggctggtg acgttgggaa tgatgtttt gcagatatct aatgacatta 250
actcagattc agagaaattt agtcaacttc agaaaaccat ccaacagcag 300
caggataact tatcccagca actgggcaac tccaacaact tgtccatgga 350
ggaggaattt ctcaagtcac agatctccag tctactgaag aggtaggaac 400
aatggccat caaactgtgc caagagctaa tcattcatac tttagaccac 450
agatgtaatc catgtcctaa gatgtggcaa tggtagccaa atagttgcta 500
ctatTTACA acaaATGAGG agaaaACCTG ggctAACAGT agaaAGGACT 550
gcataGACAA gaACTCCAC 569

<210> 357
<211> 565
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 7, 19, 117, 197
<223> unknown base

<400> 357
caaaaanagt gcccgtccng ttgttgcataag tgaagggacg gcagtcagtt 50
gaccctgcag tgtgcaggcg agcgcaggga gtacgccatg tcctgagaag 100
gggcgattct caggctntgg cagttacagc ttctcctcac cctgccgagc 150
aaccaggcca cggggctccg tgcacatcgcca cctagagtgt tacccnttc 200
cttgttcacg gaggttctcc gcagtgtgtg agaaaagaggc cctctctcag 250
atgaatggat aaagaaaaatc caggacatat ggggggagga gccaaagatgg 300
ccgaatagga acagctccgg tctacagctc ccagtgtgag cgacacagaa 350
gacaggcaag aagaataaat gtctctggtg gaactttgc tctggtgaa 400
ctgctttct agaactggtg ttgcagcatc cctggaaagtg tcagagagcc 450
ctgggagttat ccaggtggcc cggggtcaga cagcagtctt gcccgtcact 500
ttcactacca gcgctgccct cataacctc aatgtcattt ggatggtcac 550
tcctctctcc aatgc 565

<210> 358
<211> 575
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 138, 536
<223> unknown base

<400> 358
ggttccctaa agattgaagc ttttaagac tcagctttg acacatcac 50
taattatact taattgttcc ttggtgattt cacccccgtg ggtttgttc 100
ccttgaactc cacactcatt acgttcagag ccttttna cactacttga 150
attattttta tttaggtata taaaatactg gtggcaatag cataaattct 200
aagtgttaaa cttgatgaag taatattgta cacctatgta agcactgccc 250
agactgatat acatttacag cctaaggagg cttctttgtg ctgcttgct 300
attaatattc cattgcccag aaatagcccc tctcctaatt tccataacca 350
gagataagct tacatgtttt tccgcttcat gtaaatggaa tcgtacgctg 400
aacccctttt tgtgtctggt ttctttgct caacatttatt tcatgcaaca 450
ataaggatgg ctctctcaga cataatattc atttttattt atgttagtgtt 500
ttatggaaat tgcaactgagt tagagaaaact gaagtnntgaa ggaatagttt 550
ccacaagact gccctcattt cagac 575

<210> 359

<211> 553

<212> DNA

<213> Homo Sapien

<220>

<221> unsure

<222> 60, 83, 87, 98, 104, 106, 170

<223> unknown base

<400> 359

agtgcgtcc cggtgttgc agtgaaggac ggcagtcagt tgccctgcag 50
tgtgcaggcn agcgaggag taccgccatg tcntaanaag ggcgattntc 100
aggntntggc agtacagttt ctccctcaccc tgcgagcaaa ccaggccacg 150
gggctccgtg catcgccacn tagagtgtta ccctcttcct tgttcacgga 200
ggttctccgc agtgtgtgag aaagaggccc tctctcagat gaatggataa 250
agaaaatgca ggacatatgg ggggaggagc caagatggcc gaataggaac 300
agctccggc tacagctccc agtgtgagcg acacagaaga caggcaagaa 350
gaataaaatgt ctctggtgga acttttgctc tggtggaact gctttcttag 400
aactgggtt gcagcatccc tggaagtgtc agagagccct gggagtatcc 450
aggtggcccg gggtcagaca gcagtcctgc cctgcacttt cactaccagc 500
gtgcctca ttaacctcaa tgtcatttgg atggtcactc ctctctccaa 550

tgc 553

<210> 360

<211> 502

<212> DNA

<213> Homo Sapien

<220>

<221> unsure

<222> 40, 57, 63, 68, 78, 84, 88, 138, 350

<223> unknown base

<400> 360
caaaatgtta agaacgtcca ctccataatct gtgggtggtn tgcattgccg 50
ggccccntgg ttntcttntg gcattttntg cttntgtcntc atattcttgt 100
taggccaggt gggcttggtt caggacaccc ccagtgcntg gattacgggc 150
cccccttcca gcccccttgc caccttgagt tttgctctga ctatgagtcc 200
ttcggtgtct gtgatcagca caaggaccgc cgcatcgctg cccggtaactg 250
ggacatcatg gaatattttt atctgaagag acatgagctg tgtggagatt 300
acattaaaga catcctttgc caggagtgtc cgccctacgc agcccacctn 350
tacgacgccc aaaacaccca gacgccttc cggaatctcc cgggcctctg 400
ctctgattac tgctctgcct tccattctaa ctgtcactca gccatttccc 450
tgctgaccaa tgaccgcggc ctccaggagt ctcatggaag ggacggtaacc 500
cg 502

<210> 361
<211> 459
<212> DNA
<213> Homo Sapien

<400> 361
cccacgcgtc cggcttgaag actgacaaga tgtccctgtg gactccaaa 50
ctctactcca gatggggagg tgcccttaac accaagattt taaaagctcc 100
aatttcagag caagagtcga aaactcacag ataaaagttt agttatttca 150
gggttctgaa aagacgcaga acatgaaggg actcagaagt ctggcagcaa 200
caaccttggc tctttcctg gtgttggaa tcctggaaa ctccagctgc 250
gctccgcaga gactgttgg aagaaggaac tggactcctc aagctatgct 300
ctacctgaaa gggcacagg gtcgcgcgtt catctccgac cagagccga 350
gaaaggacct ctccgaccgg ccactgccgg aaagacgaag cccaaatccc 400
caactactaa ctattccgga ggcagcaacc atcttactgg cgtcccttca 450
gaaatcacc 459

<210> 362
<211> 442
<212> DNA
<213> Homo Sapien

<220>

<221> unsure

<222> 23, 53, 59, 70, 357

<223> unknown base

<400> 362
aatcacccgg gtcgctgttc ctnaggttgtt caaggtggac aggggcggtg 50
gtnatggcnc agtttgcacan tgaataccag cgcctagagg cctcctata 100
tgatttcaccc ccaggggagg aggacctgtt ggtgcacgtc gccgagggga 150
gcaagtacc ttggcaccat attgaaaacc ttgaccttctt cttctctcg 200
gtttataatc tgcaccagaa gaatggcttc acatgtatgc tcatacg 250
gatcttgag ctcatgcagt tcctcttgcgtt gggtgccttc actaccttcc 300
tggtcagctg cgtggactat gacatcctat ttgccaacaa gatggtaac 350
cacagtnntc accctactga acccgtaag gtcactctgc cagacgcctt 400
tttgccctgct caagtctgta gtgccaggat tcaggaaaat gg 442

<210> 363

<211> 511
<212> DNA
<213> Homo Sapien

<400> 363
gtccgaacct gagcaaacac agcagccccga gtgttcccaa ggccaaaatg 50
ctgagaacgt ccactcctaa tctgtgttgtt ggtctgcatt gccggggccc 100
ctggctctct tctggcattc tctgcctctg cctcatattc ttgttaggcc 150
aggtggcattt gctgcaggga cacccccagt gcctggattt cggggccctt 200
ttccagcccc ctctgcaccc tgagtttgc tctgactatg agtccttcgg 250
ctgctgtgat cagcacaagg accgcccccat cgctgcccgg tactggaca 300
tcatgaaata ttttgcatttgc aagagacatg agctgtgtgg agattacattt 350
aaagacatcc tttgccagga gtgctcgccc tacgcagccc acctctacga 400
cgccgaaaac acccagacgc ctctccggaa tctccggcc ctctgctctg 450
attactgctc tgccttccat tctaactgtc actcagccat ttccctgctg 500
accaatgacc g 511

<210> 364

<211> 407
<212> DNA
<213> Homo Sapien

<400> 364
cccacgcgtc cgtgaacaca caaagagctt attttgcgtt gcaaatacac 50
attaataaga atgccttagaa gaggactgat ttttcacacc cggacccact 100
ggttgctgtt gggccttgcgtt ttgctctgca gtttggattt atttatgtac 150
ctcctgaaat gtgcccccca gactgatgga aatgcacatc ttcctgggtt 200
tgttgggaa aattatggta aagagtatta tcaagccctc ctacaggaac 250

aagaagaaca ttatcagacc agggcaacca gtctgaaacg ccaaattgcc 300
caactaaaac aagaattaca agaaatgagt gagaagatgc ggtcactgca 350
agaaagaagg aatgttaggg ctaatggcat aggctatcag agcaacaaag 400
agcaagc 407

<210> 365
<211> 552
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 42, 85, 93, 103, 129
<223> unknown base

<400> 365
tggttgggc ctccaagatt agaatgttac tagggccaaa ancagtggga 50
ttggtaaaag aggcaatgtat acccccatga gagcnntcac atncagaacc 100
agncagaact tcaaagggtt tgatgatanc aatgatgatt tcctgacaat 150
ggcagaatgt caattcatta tcaaacatga acttgaaaaat ctttagagcta 200
aagatgaaaa aatgatccct ggttaccctc aggcaaagtt gtatccagga 250
aaatcattgt tgagaagatt gtcacgtct ggcacatcgta ttcaggtgtt 300
tccactgcat gacagtgaag ccctgaagaa gcttgaggac acctggta 350
ctcggttgc tttgaagtat cagcccatag agaattcacag attggaatct 400
gcctatcaga accatcta at tctgaaagtt ttagtgttca acttcctcaa 450
ttgcttgcc tcactcttct atattgcctt tgtcttgaaa gatatgaagc 500
tttgcgcca gagcttggcc acttcctaa ttacctccca gatcctcaac 550
cg 552

<210> 366
<211> 244
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 74, 199
<223> unknown base

<400> 366
atttgattaa attatgaatg agtttacaa attccttca gagtttact 50
aagatcacac aaataacagc tttnttattc agtggaaaag atattttatt 100
tctgatgtt tatttgact cgtgaaatat gttaccatata atcagaaaca 150
tcatggcaac ccctaagaat agactaagtt tgtgtggct gagggattnt 200
atttggtttgc ttttttttt gctttgttat attttattgc taca 244

aagaagaaca ttatcagacc agggcaacca gtctgaaacg ccaaattgcc 300
caactaaaac aagaattaca agaaatgagt gagaagatgc ggtcactgca 350
agaaaagaagg aatgttaggg ctaatggcat aggctatcag agcaacaaag 400
agcaagc 407

<210> 365
<211> 552
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 42, 85, 93, 103, 129
<223> unknown base

<400> 365
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ttggtaaaag aggcaatgtat acccccattga gagcnntcac atncagaacc 100
agncagaact tcaaagggttt tgatgatanc aatgtatgatt tcctgacaat 150
ggcagaatgt caatttcattt tcaaacatga acttgaaaaat ctttagagcta 200
aagatgaaaa aatgtatccct ggttaccctc aggcaaagtt gtatccagga 250
aaatcattgt tgagaagatt gctcacgtct ggcacatcgta ttcaggtgtt 300
tccactgcat gacagtgaag ccctgaagaa gcttgaggac acctggtaca 350
ctcggtttgc tttgaagtat cagcccatag agaatcacag attggaatct 400
gcctatcaga accatctaattt tctgaaagtt ttagtgttca acttcctcaa 450
ttgcttgcc tcactcttctt atattgcctt tgtcttgaaa gatatgaagc 500
tttgcgcca gagcttggcc actctcctaa ttacctccca gatcctcaac 550
cg 552

<210> 366
<211> 244
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 74, 199
<223> unknown base

<400> 366
atttgattaa attatgaatg agtttacaa attccttca gagttttact 50
aagatcacac aaataacagc tttnttattc agtggaaaaag atattttatt 100
tctgtatgttt tatttgact cgtggatat gttaccatata atcagaaaca 150
tcatggcaac ccctaagaat agactaagtt tgggtggct gaggattnt 200
atttggttttgc tttttttttt gctttgttat attttattgc taca 244

<210> 367
<211> 448
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 100, 148, 251, 352
<223> unknown base

<400> 367
ggctacaact gctcaacatg ggaaaagaca ttccggcag atcgcttt 50
gaaagcttaa agggagcttg atgctggcaa tggatcaga gtgttgacn 100
tgacatcggg atgttcattt ctagtctgac catctggctc ctctgtanaa 150
acattgttca gaaacctgtg acagacgaag cagcacagag taaccggag 200
tttggaaaatg aagaattggc tgaaggagaa aaaattgatt cagaagaggc 250
nctgatctat gaagaggatt tcaatggagg agatggtgtt gaaggcgagt 300
tggaaagaaag cacgaagtta aaaatgttcc gcaggcttgc ctctgtggcc 350
tnaagctca aggagttcat tggcaacatg atcaccactg ctggaaagt 400
cgttgttacc atcttactgg gtcctcggg catgatgttgc cggtcttgc 448

<210> 368
<211> 636
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 40, 57, 81, 133, 156, 158
<223> unknown base

<400> 368
ttaagccgga aaatccccctt gaacccagaa gcggaaaggtn cagtcaccca 50
aaatggngcc cattgcattc cagcctcggt ncggagcaag actttgttta 100
aaaaaaaaat ttaaatttagc cattaccctt agntaatttt taaatttttt 150
gtgaananag ggcctcactg tcttgcccag gctggtctcg aactccaggc 200
ttcaggtgat cttctgcct tgccctccaa agggcgggat tacaggtgtg 250
agccactgtg cccaaactcat tactttttta aaaaattact ttccatttct 300
agtttatata tgacaggtac ttactttaag tagtaaatat tatgtttaac 350
aataaaataaa aatgatcagg atttcccccg acatgcttc ctttcttc 400
tttttcttcc tttctctctc attttatccc ttctctgccc ctttttgaa 450
gtccttattt gaggaaaaaa taacttgcctt tatttgttcc ctcactaatt 500
gttacatgtc tcgggtatca aggcaagcag attcaaatttgc tggtaatata 550
tacagtgcggaa ttagattaga gtctactaag aatttaatttgc gagaatgttc 600

aaaatacttt tctaaagtta attttttag tattca 636

<210> 369
<211> 458
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 34, 38, 57, 73, 118
<223> unknown base

<400> 369
tagaagggtcc gtcatggacc ccagatccat ttcttagnaa ggccgtcatg 50
acacccngga tccatccct agnagggccg tcatgacacc ccggatcctt 100
ttcccctcag aggggctngt catgactcag acacatctcc tcccagagga 150
tccgtcatga ctccctcagac acttcacccc caaggagggc ccgtcatgtat 200
tctccagatc cttctccccc aaggaggcct cagcataatt ctccaggtgc 250
atctcctagg agagtccgtc atgattcacc agatccctct ctccttaggc 300
gagccgtca tggttctca gatatctt cccccagaag ggtccataac 350
aactcccctg acacatctag gaggactctt ggctcttcag acacacagca 400
actcagaagg gcccgtcatg actcccctga ttggctcctt aatgtcaatt 450
attccctg 458

<210> 370
<211> 538
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 5, 20, 47, 88
<223> unknown base

<400> 370
cggangcgtg gccgaacgcn tggccaacc atatgccagg ttcaacncgg 50
ataaaaagtta ggaaacgtaa ccagcttcat tttttgnca gcagacttaa 100
agatctgaaa cttggaaacta atatcaagga tttatgtgct gctcttgaa 150
ttctgtatgaa gaatccagtg ctcatatgcc tagctctgtc aaaagctaca 200
gaatatttag ttattattgg agcttctgaa ttttgccta tatatttaga 250
aaatcagttt atattaacac ccactgtggc aactacactt gcaggacttg 300
tttaattcc aggaggtgca cttggccagc ttctggagg tgtcattgtt 350
tccacattag aaatgtctt taaagccctt atgagattta taatggttac 400
atctgtgata tcacttatac tgcttgtt tattatgtt gtacgctgta 450
atccagtgca atttgctggg atcaatgaag attatgatgg aacaggaaag 500

ttggaaacc tcacggctcc ttgcaatgaa aaatgtag 538
<210> 371
<211> 692
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 51, 77, 87, 103, 119, 154, 158, 165, 183, 212, 329, 476
<223> unknown base

<400> 371
aataaaaaat ggcttaaaag aacatttccg aacccaaaagg aaccgggttcc 50
ngccttaaca aagtgggaca ttggccntca aaggggncct catgggaaca 100
tcntgtttg cgggggcang cacaatggtc aagggttcc ctaaccgtt 150
gcanaagnag ttaancagca tgtgtcccaa tgnccccgc aggtaacacgt 200
gctgcctgaa anagccagtc cgtgtggacc ggggctccat cctggccta 250
ttcagggtt ccaaccattg tgggtccacc gctttgagta cgaggaacac 300
gggccttct tcctctacag aaggtgtnt gaacggcgac aactttggcg 350
tcgtgagatt ctgtgaggc gtctgcctgg aagccggcag caattttgc 400
ttctttaag agaaaaagaa ggcttagggac tcagattcct ggattctgag 450
atccagacca gtcctccca gacctntcca gaagaagcca tggaaacccc 500
tcgtatccag catttgctga tcctcctggt cctaggagcc tccctcctga 550
cctcgggcct agagctgtat tgtcaaaagg gtctgtccat gactgtggaa 600
gcagatccag ccaatatgtt taactggacc acagaggaag tggagacttg 650
tgacaaaagg gcactttgcc aggaaaccat actaataatt aa 692

<210> 372
<211> 399
<212> DNA
<213> Homo Sapien

<400> 372
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atggccaaag caactcaact gttcggtgt tccagggcct gctgatTTT 100
ggaaatgtga ttattggttt ttgcggcatt gccctgactg cggagtgcatt 150
cttcttgta tctgaccaac acagcctcta cccactgctt gaagccaccc 200
acaacgatga catctatggg gctgcctgga tcggcatatt tgtggcattc 250
tgcctcttct gcctgtctgt tctaggcatt gttaggcatca tgaagtccag 300
cagggaaaatt cttctggcgt atttcattct gatgtttata gtatatgcct 350
ttqaactqqc atcttgtatc acagcagcaa cacaacgaga cttttcac 399

<210> 373
<211> 567
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 19, 53, 78, 122, 286, 419, 449
<223> unknown base

<400> 373
tttaaggatg ttgccatgna ccatgtttt tcaaatttg 50
ggncgtttt ggagtctttg accgctanga tggtttcgt cgtctggaa 100
cttgatcaga ctttgaagat tntaaatttg gaagatcagg gtgcacttt 150
gagtgtatgat gaaatatttg tagccgcca 200
ggccttgcgc aaatactttg aggctcacct ggccattaaa ttggaacaag 250
tgaagcagtc acttcagagg actgagggtg gcattttgt ccacccacaa 300
cccccgtaa aggcatgctc atatactcat gaacagattg tggaaatgat 350
ggaattttt 400
aagtttcct caaactttnt tgtgtcaac tcttgttgc 450
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agttggcaga atcagtg 567

<210> 374
<211> 299
<212> DNA
<213> Homo Sapien

<400> 374
aaattttta aaaaaactcc ttaataggcc cttttttttt ttaacctgaa 50
agttgactac ctacctttca ggaaatatat attttttggg ttagctagg 100
ttgactttt tctagaaatg gaaaagatgg caccctcggt accaaagtgc 150
tggactctg cactatgctt gtgttatgt gtgtgcctct gtcttgctct 200
cttatctccc agcagtgaga cattggacgt gtttgctcat gaagatgcag 250
tatatggctt gtctgtgagc ccagtgaatg acaacatttt tgccagtcc 299

<210> 375
<211> 556
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 22, 53, 55, 66, 111, 156, 188, 295, 517, 552
<223> unknown base

<400> 375

ttttttggg aggaggaatg tncattcagg gagtagctt ttggaaaaaa 50
ttntntaggg ctacanacag tcatgggtga cttctttct gctgtaaaaa 100
ctcccagagt ntcttaggg atttcccta aggtgaccac caggcacacc 150
tcagtnnnn tgacccagag cctgaaaact gtttcantg ggttccacca 200
gtcccagcaa aatcctctt gtatttattt tgctaagtta ttggggttt 250
gcttacatct catgattgat ataataccaa agttctatag ccttntcttg 300
cagtatttgg atttgcttga aaccggaaa actgttccca ttaggcttgt 350
taatgtcaga gtgacactat tatgaatctt tctctccct tcctcggcct 400
gtttcttctc tctttctcct tcaaacttgc tctgcagcta aggaaggta 450
gtctactttc cctgaggctt tgggtcaga gtatatgtg tttggagaaaa 500
gagggcaatc aggactnttc tgggacccag atgagttctt cactagccct 550
tntgaa 556

<210> 376
<211> 499
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 22, 38, 68, 191, 193, 196
<223> unknown base

<400> 376
aatgttacc ctatcctcg anaagggttt gaatccnct gatgtgttg 50
gatccatttt ggtggtgnc atgattctct cgtcctattt tattaacttc 100
atctaccttg caagagcaca aaaaaaccat gctaacttta actttggatg 150
tgcaattaca ttcctccttg ttgcaggac atttttcca nanagntcca 200
atcctggtta atccgaagcc aaagagagtg tttcttcagc atatgactag 250
aacattccat gacttggaaag gaaatgcagt taaacggac tctggaatat 300
ggatcaatgg gtttgattat actggaattt ctcacataac ccctcacatt 350
cctgagatca atgatagttat ccgagctcac tgtgaggaga atgcacctct 400
ttgtggtttt cttggatc ttccagtgca cttctgatc aggaaaaact 450
ggtatcttcc tgccccagaa gtttctccaa gaaatcctcc tcatttccg 499

<210> 377
<211> 612
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 61, 63, 173, 419, 475
<223> unknown base

<400> 377
tttgactggg tgtaagaata tgctgttcca gcagaccaag gatggcattg 50
ggaaatctgc ntntgggta ggcacatctt catggctat ttggaaagtg 100
agacttgaaa ctacagaggc catcgatgtat gaaggctggt tacactctgg 150
ggatttggc cagctggacg gtntgggtt cctctatgtc accggccaca 200
tcaaagaaaat ccttatcaact gctggtggtg aaaatgtgcc ccccatccct 250
gttgagacct tggtaagaa gaagatcccc atcattagta acgccatgtt 300
agtaggagat aaactgaagt ttctgagcat gttgctgacg ctgaagtgtg 350
agatgaatca gatgagcggg gaacctctgg acaagctgaa cttcgaggcc 400
atcaacttct gtcgggtnt gggcagccag gcatccaccc tgactgagat 450
tgtgaagcag caagacccccc tggtnacaa ggccatccag caaggcatca 500
atgctgtgaa ccaggaagcc atgaacaatg cacagaggat tgaaaagtgg 550
gtcatcttgg agaaggactt ttccatctat ggtggagagc taggtccaat 600
gatgaaactt aa 612

<210> 378
<211> 282
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 194
<223> unknown base

<400> 378
gtggaggaag aagacattat acaaaaacaaa tttagaaact gggatcatga 50
gtggaaaaac aaaggcaaga agggctgcca tgggttttag acgttgctct 100
gaagacgcca gcggtagcgc cagtggcaat gctttgttat cagaggacga 150
aaatcctgat gcgaatgggg taactcgatc atggaagatt attntaagta 200
caatgcttac actgactttt cttctttag gactcctaaa tcatcagtgg 250
cttaaagaaa cagatgttcc tcagaaatcc ag 282

<210> 379
<211> 680
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 24, 35, 71, 77, 173
<223> unknown base

<400> 379
agccaaaatc cttggccaaa ttngcattt ccaantccgg aggccaagaa 50

aggaagaaaag ttccccaggt ngaaaancaa acttggattt tcagcaatat 100
ggatttatta atcaaatgtg gttaccattt gggcccttcc gggggatttt 150
aagtactttt ccatacctag ctnttataca tactattatt ctcatggcag 200
tagcaacttt tggttcaa atccccaaac atgctaaaaa gtagaacatt 250
ttgtttcaat attaggaaag tgcttgaat ccccttggac gacaaaagcg 300
ttgtctgaga cagcatgcga agactcagag gaaaacaagc agagaataac 350
aggtgcccag actctaccaa agcatgtttc taccagcagt gatgaaggga 400
gccccagtgc cagtacacca atgatcaata aaactggctt taaatttca 450
gctgagaagc ctgtgattga agtcccagc atgacaatcc tggataaaaa 500
ggatggagag caggccaaag ccctgttga gaaagtgagg aagttccgtg 550
cccatgtgga agatagtgac ttgatctata aactctatgt ggtccaaaca 600
gttatcaaaa cagccaagtt cattttatt ctctgctata cagcgaactt 650
tgtcaacgca atcagcttg aacacgtctg 680

<210> 380
<211> 660
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 25, 55, 96, 146, 162
<223> unknown base

<400> 380
cgatccctt aaaatccctg acctngaccc aagggtccgg taaaatcaat 50
ttgtnttacc caaagaccaa ttttgacat atcttgaata ggatgnctat 100
aaattatgac ttttaaattt ttgtatattt tgtactattt tctganattt 150
ttatTTTat gnatTTTcgt aagttagttt gagatagtca cattttaaaa 200
atctaagatc aagcaaatga agcttatttt tatgtattca tagtataaaa 250
gccttcagta aataggtaat attttggttt tattctagaa aacagctcct 300
tgaacacagt gagctggctt ttcacacatt gcagttgtt gtgttactg 350
cccttgcattt ttaattatg aggctaaaga tggatTTTgac accgcacatg 400
tgtgttatgg cttccttgcattt atgctctcga cagcttttgcgtt 450
tcgcagagtt cgttttgaga aggttatctt tggcattttt acagtgtatgt 500
caatacaagg ttatgcaaac ctccgtaatc aatggagcat aataggagaa 550
tttaataatt tgcctcagga agaactttt cagtgatca aatacagtac 600
cacatcagat gctgtcttg caggtgccat gcctacaatg gcaagcatca 650
agctgtctac 660

<210> 381
<211> 652
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 19, 35, 118, 136, 183, 281, 349
<223> unknown base

<400> 381
gaataagttg ggattttta gcaaggattc caatntgatt cttaaaaaag 50
gagttagcca taaagccagt ggttttaatt agattcagat ttgattttta 100
aattttacgg gtttcagnt cagggaatgc tacccncaa atgagatttc 150
attactatat accagtgaaa tttctactct canattttct gtaatgtcat 200
ttttcatagt taggttttag aaagtatcta atcaggttgt gatggtcaa 250
taaagggttc aaacacattt ctatttctg nttcaataaa tatttttat 300
attgcttatt cttatctatc tttaccta at ttttcctat cttttcgnt 350
aactttcttt ttttttattt tcttcta atg aagattctgc tttcttcatc 400
taaacctgtc ccaaaaacct atgtacaaa acttgcaag ggtgatgtaa 450
aggataagtt tgaagccatg cagagagcca gggaaagaaag aaatcaaagg 500
agatctagag acgaaaaaca aagaagaaaa gaacaatata ttagagagag 550
agaatggaac aggagaaaagc aggaggttat tttatttac tttattctcg 600
tgaaaatatt tgtttgcatt tttcattta aattgtattt attcacatta 650
ac 652

<210> 382
<211> 397
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 345
<223> unknown base

<400> 382
gtccatggag ctgggtgtca aggtggacag gggcggtggatggcgcag 50
tttgacactg aataccagcg cctagaggcc tcctatactg attcaccccc 100
aggggaggag gacctgttgg tgcacgtcgc cgaggggagc aagtcacctt 150
ggcaccatat taaaaacctt gacctttct tctctcgagt ttataatctg 200
caccagaaga atggcttcac atgtatgtc atcggggaga tctttgagct 250
catgcagttc ctcttggat ttgccttcac taccttcctg gtcagctgcg 300
tggactatga catcctatattt gccaacaaga tggtaacca cagtnttcac 350

cctactgaac ccgtcaaggt cactctgcca gacgcctttt tgccctgc 397

<210> 383
<211> 573
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 38, 85, 121, 432
<223> unknown base

<400> 383
ggatggaaag gatcgattaa aggattggct ttggaaanac ttactggtgg 50
gaataagggtt ggcccttgtgc aaagtccccca aggcntgaca ttagtttgct 100
ggcaaggcaa ttgattcctc nttcaacat cgcttatgca gctttctgtt 150
cttcggtaat ctatgaattt ttggatcggt tcatcaaatg tccattggtt 200
ccttcttcct ggtgagtgtt ctgctgatca acgttctgaa agtgagccca 250
ttcaacaacg gtcaactgggt catgggatct ttctgtcaaga atgagtttc 300
ggccccctcc taccttatgg gctataataa atccttgagt gtggggcaa 350
ccacaacttt tctgactggg attattcagc taataatggg cgtattgggt 400
ttgggcttca ttgccactta cttccggag tntgcaatga gtgcttacct 450
ggctgctgtg gcacttcata tcatgctgtc ccagctgact ttcatcttg 500
ggattatgtat tagttccat gccggccca tctccttctt ctatgacata 550
attaattact gtgttagctc ccc 573

<210> 384
<211> 561
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 21, 40, 73, 120, 487
<223> unknown base

<400> 384
tgtttatgtc acctacccctc nccttttaa gttttgtccn agcaaaccctt 50
gcagaattttt agatgaacat ggnaaaaatg ttacaatctg tgggcctgac 100
tttggtcaag acctgtacan agatgaaaac ttggtgacta tactggggac 150
cagcttctta atcggatgtt tcttgtattt atgtttgaca tcaacaacaa 200
gatcgagttc tgacgctctg cagggcgtt acgcagctcc tgaattggag 250
atagctcgct gttgttttg cttcagtcctt ggtggagagg acactgaaga 300
gcagcagccg gggaggagg gaccacgggt catttatgac gagaagaaag 350
gcaccgtcta catctactcc tacttccact tcgtgttctt cctagcttcc 400

ctgtatgtga tgatgaccgt caccaactgg ttcaactacg aaagtgc₅₀
catcgagagc ttcttcagcg ggagctggc catcttntgg gtcaagatgg 500
cctcctgctg gatatgcgtg ctgttgtacc tgtgtacgct ggtcgctccc 550
ctctgctgcc c 561

<210> 385
<211> 562
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 18, 77
<223> unknown base

<400> 385
aacagggggg ccgcttgntc cagaaatgtt tccccctgggg aaagtggcat 50
cacttaatga cattcagcca acttacngaa tcctgaaaacc atggtggaat 100
gtgttatgg attaccttagc tgttgttatg ttaatggtag ccatcttgc 150
aggaaccatg caactttacc aaagatcagg tggtctgttt gccagtattg 200
ccatctcctg taaattcaaa ggcacataca ccaccaggaa atgcccaggt 250
caccaccaac atcccaaaga tggaaagcagc caccaaccaa gaccaagatg 300
ggcggacaac aaacgacatt tccttgga catctgctgt gacacctgac 350
atacctctca gagccacata tcctcgcaca gattcgcac ttccaaatca 400
ggaggcaaag aaagagaaga aagatccaaac aggtcgaaaa acaaacttgg 450
attttcagca atatgtattt attaatcaaa tgtgttacca tctggccctt 500
ccgtggattt ctaagtactt tccataccta gctcttatac atactattat 550
tctcatggtc ag 562

<210> 386
<211> 265
<212> DNA
<213> Homo Sapien

<400> 386
atcaagttgg tgaagaaaga acctatgaaa tctgtacaaa agattggggc 50
tttgttcttc ctgttaagtg gtgtactgg gatgaccgga agcatggcct 100
tgattgtttt ggattgggta cacaatgcac ctggaggtgg ccattaattg 150
gcaccactca aactcaaact cagtcacatct gatgccagtg ttgagtaaac 200
tcaactacta tgaaaattca cctaattttt tcagttcac ttccctttga 250
agtgcagatt cctcg 265

<210> 387
<211> 457

<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 30, 33, 50, 75, 92, 124, 173, 177, 218, 223, 235, 247, 285, 290,
325, 437
<223> unknown base

<400> 387
tggatttaat ggggggaaag ggccggaaaan ggncaaggat ccaaactggn 50
gaatttggtg atttcgggt ccctntccgc tttccggccg gncagcgctg 100
ccaagggtat atttcctttt ttcnatcct gcaacaagcc tctttaact 150
gtttaaatga gaatgtcctt ggntcanaga gtactactca cctggcttt 200
cacactactc ttcttganca tgntggtgtt gaaanggatg agaaagnct 250
tggactgggtt cctcatattc attccagttg gaaantgan actatccttc 300
ttgtcctgct gattgtgaaa atggntgggc ggtgttaagtc tggcttgac 350
cctcgacatg gatcacacaa tattaaaaaa aaagcctggt acctcattgc 400
aatgttactt aaatttagcot tttgcctcgc actctgnggt aaactggaac 450
agtttac 457

<210> 388
<211> 617
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 55, 80, 88, 107, 161, 181, 198, 203, 219, 233, 259, 272
<223> unknown base

<400> 388
gttaggtgat ccagggttttgc ggggttttgc aacccttggg gtcattgggc 50
ccttnaaatt aatcttcggg gggggtcctn gccatggnca gccaaacatt 100
tttgggnaca taccatggg ttctgtatac ggggcgtttt cagttcctg 150
tgtaaaggc ntgggcattt ctataagga nctgtttgca gggaaagcntg 200
tgntgcggca tcccctggmt tggattctgc tgntgagcct catcgctgt 250
gtgagcacnc agattaatta cntaaatagg gccctggata tattcaacac 300
ttccattgtg actccaatat attatgattc tttacaacat cagtttaac 350
ttgttcagct attctttta aggagtggca agatatgcct gttgacgatg 400
tcattggtaa tttgagtggc ttctttacaa tcattgtggg gatattctt 450
ttgcattgcct ttaaagacgt cagctttagt ctagcaagtc tgcctgtgtc 500
ttttcgaaaa gacgagaaaag caatgaatgg caatctctt aatatgtatg 550
aagttcttaa taataatgaa gaaagcttaa cctgtggaaat cgaacaacac 600

actggtgaaa atgtctc 617

<210> 389
<211> 365
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 20, 44, 50, 96, 107, 180, 185, 211, 289
<223> unknown base

<400> 389
aaaaaaaaaa aaaaagaatn tgactatata ccatggaaaa gccnccactn 50
tgccacttaa ataaaacatca ggatcagaga ttccaagagg acaatntgca 100
tcaagtnttc accaagtgtt ttttaagcga aataatgaaa tagggagcag 150
aatatgcctg ttgcccatag aaacgaggtn tattnttgc tcatttttagg 200
ctttttttt nttcatagtt acaccagaac taaagtaaaa gtgggggg 250
tgttctttct acttctcccc atgaaatggg catatcatnt caacacttca 300
ctccaagtcg ccacgggcaa ccttatgacc ctaggtccctc caccctaat 350
gtatcatcat tgcca 365

<210> 390
<211> 442
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 209, 233
<223> unknown base

<400> 390
agggcgccca tttcgagccc aagttccag ttcgggttc cgggctcaga 50
attttccagg agtgggttct tgggcagtgg ctgtggagca ggaatggcgc 100
agtagagggt tactgtttct cggccgcctt gagctgtacc ttttagtgt 150
cctgcctcct tttctccggc ttcagccggg cgctgcgaga gccctacatg 200
gacgagatnt tccacctgcc tcaggcgac cgntactgtg agggccattt 250
ctcccttcc cagtggatc ccatgattac tacattacct ggcttgcacc 300
tggtgtcagt tggagtggc aaacctgcca tttggatctt tggatggct 350
gaacatgttg tctgctccat tggatgctc agatttgtt aatctctttt 400
cagtgttggc aacttctatt tactatattt gctttccac aa 442

<210> 391
<211> 587
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 74, 103, 117
<223> unknown base

<400> 391
ccagtttcc atggacatag aaaattccaa aagaataata atattgaatt 50
taaatttggg ggggttaaaa aaanaaaaact taactttata aaatttattta 100
ttntatttta agcctntat catatttcc ccatccaatt gtttggtttc 150
agtggccag cttttattta caggcatata aaagaaattg tgagatgtt 200
tgcaagctt ttttacttt gagagcttt aatttgtatg ttttatgtg 250
gatgaagagc atttttatg ttttgtgca ataggttcca atatgcattt 300
attagacatc tgtttaaatg gtaatgttagc atttattttg ctaaattgaa 350
agggAACATA gatggAAATTc caaaatATgt acattcAGCT gtttggTTT 400
tcgttttca ttgttattat tgtgagaatg ctgttattgg gtttgtgtgt 450
gagtGCCCGT cagccagtga tgcctcgggc cacgctgtgg ggccacctca 500
gtcctgctgg gtcctggtgc cttggACCCC acgtgcttgt ggccaggctg 550
ccccGGGCG gggccatgtg gcctcagacc acaagag 587

<210> 392
<211> 444
<212> DNA
<213> Homo Sapien

<400> 392
cgtctccagt ctacctccga gagattagct gaaacacaga atatagcgcc 50
atcattcgtg aaggggtttc ttttgcggga cagaggatca gatgttgaga 100
gtttggacaa actcatgaaa accaaaaata tacctgaagc tcaccaagat 150
gcatttaaaa ctggTTTgc ggaaggTTT ctgaaagotc aagcactcac 200
acaaaaaaaaacc aatgattccc taaggcgaac ccgtctgatt ctcttcgttc 250
tgctgctatt cgccatttat ggacttctaa aaaACCCATT tttatctgtc 300
cgcttccgga caacaacagg gcttgattct gcagtagatc ctgtccagat 350
gaaaaatgtc accttgaac atgttaaagg ggtggaggaa gctaaacaag 400
aattacagga agttgttcaa ttcttgaaaa atccccgaacc cctt 444

<210> 393
<211> 284
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 95, 109, 186, 244
<223> unknown base

<400> 393
ggtaaggc agtagtggc tcaataagt gttaaactt gctttgggtg 50
attgcaatca gcatggatt tggccatttc tatggccaa ttcanattca 100
gaagcgtna cagttgtca gaaagataca tgaagatgaa ttgaatgata 150
tgaaggatta tcttcccag tgtcaacagg aacaanaatc ttttatagat 200
tataagtcat tgaaagaaaa tcttgcaagg tggacac ctantgaagc 250
agagaagatg tccttgaaa ctcaggaacc cttt 284

<210> 394
<211> 481
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 47, 94, 130, 192
<223> unknown base

<400> 394
gcagtgggtg atcataggca ctaaccctca aactcctgaa gttcaanaga 50
ttgtccccatg tcagcctccc aagtagctgg gactatagac aggnccatc 100
atgccagct aattatttt ttaattttt agaagagtct tgctaggttc 150
cccaggctgg tctcgaactc ctgaccaaataatcctcc cnccctcaac 200
ctctgaagta gctgcaatga caggtgcaag cccactgtgt ttggctagag 250
tctcatgtt ttctaattcc aaaaaagtcc cataatgatt ttgattcaga 300
ttgtatttag tttcacacatt aatttaagaa gtgacatctt cataataacta 350
actttccccca aaaagaaaca gggtatgttt ttccatttt atgagtgggg 400
tttttttgt tttgtttta cgttttagt ttttcttcat ataggtttt 450
ccagaggttc ccaaacttcc ttgggtcatg g 481

<210> 395
<211> 508
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 22, 69, 473
<223> unknown base

<400> 395
agcatggaa agtaggaac cnaggaaag gggcccccgg agcgcaaggt 50
gtcggtgccc acttcagnt ggaggagatt caaaagcata acctgcgcac 100
cgacaggtgg ctggtcattg accgcaaggt ttacaacatc accaaatgg 150
ccatccagca cccggggggc cagcgggtca tcgggacta cgctggagaa 200
gatgcaacgg atgccttccg cgccttccac cctgacctgg aattcgtgg 250

caagttcttg aaacccctgc tgattggta actggccccg gaggagccca 300
gccaggacca cggcaagaac tcaaagatca ctgaggactt ccggccctg 350
aggaagacgg ctgaggacat gaacctgttc aagaccaacc acgtttctt 400
cctcctcctc ctggcccaca tcatcgccct ggagagcatt gcatggttca 450
ctgtctttta ctttggcaat ggntggattc ctaccctcat cacggccttt 500
gtccttgc 508

<210> 396
<211> 519
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 30, 38, 50, 74, 160
<223> unknown base

<400> 396
aatggtacaa cagtccctta atgggtgcnn caatggcntg aaatccaagn 50
attacagact ttgtgtataa ggttaagctt ggggcattgt cctagaaaacg 100
gtggccacaa gtggggttgt gacctcggtg gccttcattgc tcactctccc 150
gatcctcgtn tgcaagggtgc aggactccaa caggcgaaaa atgctgccta 200
ctcagttctt cttcctcctg ggtgtgttgg gcatctttgg cttcaccc 250
gcattcatca tcggactgga cgggagcaca gggcccacac gttttttt 300
ctttggatc ctctttcca tctgcttctc ctgcctgctg gtcattgt 350
tcagtgac caagctcgac cgggggagga agcccttgc cttgtgggt 400
attctgggtc tggccgtggg cttcagccata gtcaggatg ttatcgctat 450
tgaatatatt gtcctgacca tgaataggac caacgtcaat gtctttctg 500
agctttccgc tccttagtgc 519

<210> 397
<211> 526
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 24, 96
<223> unknown base

<400> 397
gacctcgacc ccagggtccg gttntacttt gtcctgcctg ctgctgggt 50
ccctgggtct atgtgcattc ttttactat ctactggatg cagtantgg 100
gtggggcttt gcctggaatg gcagcattta catgttcaac tggcacccag 150
tgcttatggt tgctggcatg gtggattct atggaggtgc gtcactgg 200

taccgcctgc cccagtcgtg ggtggggccc aaactgccct ggaaactcct 250
ccatgcagcg ctgcacactga tggccttcgt cctcaactgtt gtggggctgg 300
ttgctgtctt tacgtttcac aaccatggaa ggactgccaa cctctactcc 350
cttcacagct ggctgggcat caccactgtc ttccctttcg cctgccagtg 400
gttcctgggc tttgctgtct tcctcctgcc ctggggctcc atgtggctgc 450
gcagcctcct aaaacctatc cacgtttt ttggagccgc catcctctct 500
ctgtccatcg catccgtcat ttccggg 526

<210> 398
<211> 773
<212> DNA
<213> Homo Sapien

<400> 398
agaggagctg ccgggtgcctc ctcagaacat ctccctgatcg ctacccagga 50
ccagggcacca aggacaggga gtcccaggcg cacacccccc attctgggtc 100
ccccaggccc agaccccccac tctgccacag gttgcacatttt gacctggtcc 150
tcctgcagaa gtggcccttg tggtcctgtct ctgagactcg tccctggcg 200
ccccctgcagc ccctttctat gactccatct ggattttggct ggctgtgggg 250
acgcggtccg aggggcggcc tggctctcag cgtggtgcca gccagctctc 300
tggccaccat ggcaaattgtt gagatctgag gggacaaggc tctacagcct 350
cagccagggg cactcagctg ttgcagggtg tggatggagaa caaactatgt 400
acctacacac cgtcagcgcac tgtgacacca gctccatctg tgaggattcc 450
tttgcgtggca ggagcctgtc caagctgaac ctgtgtgagg atggtccatg 500
tcacaaaacgg cgggcaagca tctgcgttac ccagctgggg tccctgtcgg 550
ccctgaagca tgctgttctg gggctctacc tgctggtctt cctgattctt 600
gtgggcatact tcatacttagc agtgcgtccagg ccgcgcagct cccctgacga 650
cctgaaggcc ctgactcgca atgtgaaccg gctgaatgag agcttccggg 700
acttgcagct gcggctgtcg caggatccgc tgcaagcggg cctgacggag 750
caggtgtgga aggtgcagga cgc 773

<210> 399
<211> 546
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 20, 74, 80, 159
<223> unknown base

<400> 399

atcctggact tgacccaggn gtccgttgat tggAACCGGT ggtcggaAAA 50
acaagtccgc tggcagcag gagnagcagn aggattatta aataacgcag 100
ttggactctg gcaactggga gtgaagagga gcccaacagc cgagaaggga 150
aggaggcana ggagggggac cagaaggaca cccccgtgcc ccgaagacat 200
aaatccctga gtgcccggga ggagccttaa caagcgcacg gagccctcaa 250
ggtgcaaagt tggcttcac agtgcAGCC tttgattccc aatggggac 300
tcaggatcaa gacgatctac cctggctcc cggttgccaa tattcagaag 350
aagtattaac agaagacatg attctttcc ttcttcaccc tcttccagta 400
atacagttgg tgtccacagt tccttcctt ccagcactaa ctcaagctca 450
ggtagcacag gtaaacggag gagcatattc cgtactcctt ccattagctt 500
ccaccataag aaggggagtg agcctaagca agagcctacc aaccag 546

<210> 400
<211> 562
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 22, 26
<223> unknown base

<400> 400
ggctccctc ggcgcacc gncctttcc ggaaggcggc tccctccctg 50
cgccggccgg agccctgag atcagcctcg agcaggcgcc cgagcgagac 100
tatccctaaa cgggaacggc ggtggccgac tcgcgagtga ggaaaagaag 150
gaaagggcag actggtcgag aagagaagat ccaggcctca gaggaggaga 200
aaggccggag ccagccgagc tgtcacgacc ggagggggga ctcgcagcct 250
taccaggggg gtgatgttt acaggcactt aagtattcat cgaagagtca 300
ccccagtagc ggtgatcaca gacatgaaaa gatgcgagac gccggagatc 350
cttcaccacc aaataaaaatg ttgcggagat ctgatagtcc tgaaaacaaa 400
tacagtgaca gcacagggtca cagtaaggcc aaaaatgtgc atactcacag 450
agtttagagag agggatggtg ggaccagttt ctctccacaa gaaaattcac 500
acaaccacag tgctttcat agttcaaatt cacatttttc taatccaagc 550
aataacccaa gc 562

<210> 401
<211> 536
<212> DNA
<213> Homo Sapien

<220>
<221> unsure

<222> 21, 99, 114
<223> unknown base

<400> 401
taacaaccac agaaactgga ntagtgtcc tacagtagct gcagctgata 50
ccactgaaac taattccct gaaactgcta gcaccacagc aaatacacnt 100
tctttcccaa cagnacttc acctgctccc cccataattha gacacatagt 150
tcctccacaa ttccctacacc tgctcccccc ataattagta cacatagttc 200
ctccacaatt cctataccta ctgctgcaga cagtgagtca accacaaatg 250
taaattcatt agctacctt gacataatca ccgcttcatc tccaaatgtat 300
ggattaatca caatggttcc ttctgaaaca caaagtaaca atgaaatgtc 350
ccccaccaca gaagacaatc aatcatcagg gcctccact ggcaccgctt 400
tattggagac cagcacccta aacagcacag gtcccagcaa tccttgccaa 450
gatgatccct gtgcagataa ttcgatatgt gttaagctgc ataatacaag 500
ttttgcctg tgtttagaag ggtattacta caactc 536

<210> 402
<211> 470
<212> DNA
<213> Homo Sapien

<400> 402
ccacagtatg gaagaatatc cctgacttct agccctgtgc gccttctttt 50
gtttctgctg ttgctactaa tagccttgga gatcatggtt ggtggtaact 100
ctcttgctt caacttcaact ataaaatcat tgtccagacc tggacagccc 150
tggtgtgaag cgccaggctt cttgaataaa aatctttcc ttcaagtacaa 200
cagtgacaac aacatggtca aacctctggg ctcctgggg aagaaggtaa 250
atgccaccag cacttgggg aattgaccc aaacgctggg agaagtgggg 300
cgagacctca ggatgctct ttgtgacatc aaaccccaga taaagaccag 350
tgatcctcc actctgcaag tcgagatgtt ttgtcaacgt gaagcagaac 400
ggtgcaactgg tgcatcctgg cagttcgcca ccaatggaga gaaatccctc 450
ctcttgacg caatgaacat 470

<210> 403
<211> 509
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 29, 39, 124
<223> unknown base

<400> 403
gtcgggtggt acggccgctc cctgcagggng agttcgtgna cgacgacgtg 50

tgggcgatcg tgaacaaacc ccgacgtgcg ggcccgccgc cccgctccgt 100
tggggcatct tcaccaacga ctntgggc aagggcatgg ccgagaacac 150
cagccacaag tcctaccgcc gctttgcgtc ctcacctta agctaaacat 200
attttgact ggtatgaacc cattctactt tcatgcagta aatataattt 250
tacactgctt agtacttgcgtt gtgctgatgt acacctgtga taaaactgtc 300
ttcaagaatc gtggacttgc tttttaacg gcattgctt ttgctgtaca 350
tcctattcat actgaggccgg tggctggat cggtggcaga gcggacgtgt 400
tagcgtgtct gctgtttcta ttggccttgc tctcgtaaa caggagtctg 450
gatcaggggct gtgttgggg aagttccct tccacggtgt ctcccttctt 500
cttgctgct 509

<210> 404
<211> 400
<212> DNA
<213> Homo Sapien

<400> 404
cttgttttgtt cgggtggaaa tgggtggatt tatgtttgcc tctgaacaag 50
tgtcttgctc acatcgtaaa tgactttctc tccgaaacgc taaatattct 100
ttcccgccagg agctcatatc cttatccc atgacagatc ttaacggaca 150
atatatgcaa aagatataaa aagatgataa ctaatatagt tatactgagc 200
ctgatcattt gcatttcgtt agctttctgg attatataaa tgactgcaag 250
cacctattat ggttaacttac gacctatttc tccgtggcgt tggctgtttt 300
ctgttgggtt tcctgtttctg atcgctctta atggccttaa aaagaaaaagt 350
ctagatcaca gtggggctct aggaggcata gtcgttggat ttatcctaacc 400

<210> 405
<211> 370
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 27, 36, 118, 138, 163, 179
<223> unknown base

<400> 405
aatgcggccca agttaaatac ctcctcnacc tttacntaag ttgctccctt 50
atttttatattt tattattattt attattatta ttattttttg agatggagtc 100
tcactttgtt acccaggngt gaatgcaatg gcatgatntc agtcactgc 150
aacctccggcc tcntgggttc aagcaagtnt cctgcctcag cctccgagta 200
gctggacta caggtgcacg ccaccacgcc tggctaattt tttgtatTTT 250

agttagagacg gggtttccacc gtgttgcacc ggctggtagc gaactcctga 300
gctcaggcaa tccgcccacc tcagcctccc aaagtgttgg gattacaggc 350
atgagccacc atgcccagct 370

<210> 406
<211> 473
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 72
<223> unknown base

<400> 406
gggcttgaaa atctaaatac tttgaatatta gaataatatac ttgtgtttta 50
gagcttaaaa ttttcaaaata tntgctgtcc acacacccca ttggaggagg 100
acctgtgtca ctaacccaaa tttgttagctg agaaaacaga ggcagagaga 150
ggttaagtaa aaaaccccaa gagagttcac ctaatattgt gaagaaagca 200
aacccagggt ttcactaact tgtccatgtg tgtatgtgtg tggctgcgtt 250
cacccctgtg tgtgtgtgta ctgtgtgcat gcctgtgtgt ttgtgcacac 300
ccatgtgtat gtacctgcat acacacccaa gtgtgtgtgt taccacaacg 350
aaagcgcaga tttattgaaa agaaagtgcac ccacacagag tgggagcagg 400
ctagagccag tggctcagga gcctggttac agcattttctt ggagtttaag 450
tgccctccag agttttccca ttg 473

<210> 407
<211> 539
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 35, 51, 98
<223> unknown base

<400> 407
cagccaggcc agagagggag ccgagccagg ccatntccaa ccatgtccga 50
ngaggcctcg gccatcactt cctacgagaa gtttcttaac ccccgagnag 100
cccttccac tcctgggacc ttctcgccgg gggggcacct gcccggacaa 150
ggagccgggc tgcctggaca tcaagcgact tcgggtgccca gctgtcctcc 200
tgccatcgca ccgacccgct ccacccgctt cacaccaaca ggtggAACCT 250
aacttcttgt ggaacaagtg ttgcctggactt agaaggcagt gaggagctgt 300
tttcatctgt gtctgttggaa gatcaagatg attgcttattt cctgttagat 350
gatcaggact tcacttcttt tgatttattt cctgagggga gtgtctgcag 400

tgatgtctct tcttcttatta gcacttaactg ggattggtca gatagcgagt 450
ttgaatggca gttaccaggc agtgacatttgc ccagtggag tgatgtactt 500
tctgatgtca tacccagttat tccaagttca cttgcctg 539

<210> 408
<211> 545
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 18, 55, 93, 146
<223> unknown base

<400> 408
tcaaaaaaggt tgcattcntt ttgcataaaac agggacttta tatagttaac 50
tcccnnntata taaaattctcc tatagtaatc tcaaagagta ttnttagactt 100
ctcaatgctt tttattgttg ctgaaaagca aaaagacttg ctgtgnaagt 150
ggagaagact tcaacatcaa agtgattttt tctactctcc taggaatgaa 200
aggaacaccaa agggaccgg aagcatttct tgtccagatt gtgtcaaaat 250
ctcaattgcc atctgagaat agagaaggta aagtgcgtg gactggctgg 300
ttctgctgtg tatttggaga cagtcttctg gagactgttt cagaagattt 350
cacctgtctg cccttattcc ttgcaaattgg agcagagtct aacacagcaa 400
taatttggaaac ttggtttcag aaaacctttg actgttattt cagtccttta 450
gcaatcaatg catttaatct ttccctggatg gctgccatgt ggactgcattg 500
caaaatggac cattatgtgg ctactactga atttctttgg tctgt 545

<210> 409
<211> 585
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 45, 77, 118, 121, 203
<223> unknown base

<400> 409
gacattttattttcatccat tgcaacccat tgccataaga acatncccat 50
ggccttgaag cgcttcacag cagcatngtg gaatgcagaa ttggagccaa 100
gcaattttca aagcaagnit nctgaaaatg aaaaaaaaaata cttatattga 150
aaaactttttt gagcgttatg gtgaaaatgg aagattatcc ttttttggtt 200
tgnagaaaact tttaacaac ttgggccttg gagagagaaaa agtagttgag 250
attaatcatg aggatcttgg ccacgatcat gtttctcatt tagatatttt 300
ggcagttcaa gagggaaagc attttcactc acataaccac cagcattccc 350

ataatcattt aaattcagaa aatcaaactg tgaccagtgt atccacaaaa 400
agaaaaccata aatgtgatcc agagaaaagag acagttgaag tgtctgtaaa 450
atctgatgat aaacatatgc atgaccataa tcaccgccta cgtcatcacc 500
atcgtttgca tcatcatctt gatcataaca acactcacca ttttcataat 550
gattccattt ctcccagtga gcgtggagcg gccgc 585

<210> 410
<211> 446
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 45, 56, 67, 221, 289, 446
<223> unknown base

<400> 410
tacctattcc caggttaat gttgattatt tatatttcaa aaaanttgat 50
ttgtanaaac tgggtanatt actttcaaat taatcattt ttcctaattg 100
accaggatg agtgagatgt ttatttagaa aacaaataat ttttagatagg 150
aaaattgaat cttaaaaaaa taatggtgat ttaatataatc aatgtgttgt 200
ttttgtgtgt atgtgtgtaa nattggagca tccaggatgt tgcggtgtgt 250
atatgacattt atttttctac tgtatcttag aggttgcnc ttccatgggt 300
ataaaaactta attggatttc tcgattttta ttttgtttat gcactttac 350
aacttatgtc atttttaggtt gtttattaaat gccagtttg tataataaaaa 400
ttatttagaga agttatgaag gaggatggca tgagtgggc ggccgn 446

<210> 411
<211> 525
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 67, 95
<223> unknown base

<400> 411
acgcagagcg ttttcatttt ccacgggtct gtccttgtca aagcacaccc 50
ctcgggtgtcc aggttcntca tgggcaagtg ctgggggtga caaanaaggc 100
gacattgact acagcaccgt gtcctcggc atgctggtgatc cgccggacgt 150
gcagctcggg cttttcatgg ctgtcatgcc gactctcata caggcggca 200
ccagtgcatc ttcttagcatt gtcgtggaaat ttctccgaat cctggtttg 250
atgggtcaga ttcttttttc actagcggcg gttttcttt tatgtcttgt 300
tataaagaag tatctcattt gacccttata tcgaaagctg cacatggaaa 350

gcaaggaa caaagaaatc ctgatcttgg gaatatctgc ctttatcttc 400
ttaatgttaa cggtcacgga gctgctggac gtctccatgg agctgggctg 450
tttcctggct ggagcgctcg tctcctctca gggccccgtg gtcaccgagg 500
agatcgccac ctccatcgaa ccccc 525

<210> 412
<211> 457
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 27, 37, 114, 213
<223> unknown base

<400> 412
cagttttttt atagtgaata ccaaaaancat cagcaancac tggactgtca 50
acccaaggct tattgatatt tgccggagttt atttctgcga ttaagagacg 100
ttggctcgcc ttcnctcgta tcatttgttag cctgggctat ggcattgtga 150
agcctcgaaa aggaacagtc atgcaccggg tgatcggact ggggcttcta 200
tacttaatct ttncagctgt tgaaggcgtg atgagagtca ttgggggttc 250
taaccatcta gctgttgttc ttgatgacat tattttagca gttattgact 300
ccatttttgt gtggttcatt tttatttagtt tggcacaaac tatgaagacc 350
ctaaggctaa gaaagaacac tgtgaaattt tcattatata gacattttaa 400
aaatactctg atctttgctg tgctggcttc tatagtgttt atgggggtggg 450
cgccgc 457

<210> 413
<211> 541
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 51, 54, 80
<223> unknown base

<400> 413
acgtggtctg cctgttattt gaaagatata ttaagatcca gttctggatt 50
ncanctgttt atttttttgg gaaatgctn aaaaaggcagt ttttttatag 100
tgaataccaa aacatcagca acactggact gtcaacccaa ggcttattga 150
tatttgcgga gttgatttct gcgatataaga ggacggttgc tcgccttctc 200
gtgatcattt gtagcctggg ctatggcatt gtgaaggcctc gtttaggaac 250
agtcatgcac cgggtgatcg gactgggct tctatactta atctttgcag 300
ctgttgaagg cgtgatgaga gtcattgggg gttctaacca ttttagctgtt 350

gttcttgatg acattatttt agcagttatt gactccattt ttgtgtggtt 400
catttttatt agtttggcac aaactatgaa gaccctaagg ctaagaaaga 450
acactgtgaa atttcatta tatagacatt taaaaatac tctgatctt 500
gctgtgctgg ctctatagt gtttatgggg tggcgccg 541

<210> 414
<211> 523
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 20, 172
<223> unknown base

<400> 414
accggccgt gagccggcn tgccggca ggccggga catactgtgg 50
ccgcgtttgg gctggaggat agttgcaagt attgttttgtt cagtgttatt 100
tctaccatc tgcaccacag tatttataat tttcagcagg attgatttgt 150
ttcatcctat acagtggctg tntgattctt tcagtgacct gtatagttcc 200
tatgtaatct ttacttcct gctgctgtca gtggtaataa taataataag 250
tattttcaat gtggagttct atgcagttgtt gccttctatt cctgctcca 300
gactagctt gatagggaaat atcattcatc ctcagcaact catgcactca 350
tttattcatg ctgcaatggg aatggtgatg gcctgggttg ctgcagtgtat 400
aacccagggc cagtagactt ttcttggtt tccctgcact ggtactaaca 450
gctttggtag ccctgctgca caaacctgtt taaatgaata tcattttt 500
ttcctactga ctggagcgcc cgcc 523

<210> 415
<211> 544
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 2, 30, 40, 117
<223> unknown base

<400> 415
gnccacactg gccaaacggg gcatcatggc cacactgccc aaatagggcc 50
gccatgttgc agcaggatag taatgatgac cctgaagatg tttcactgtt 100
tcatgcggaa gaggagnca ctaatagacc aaaaaagccca aaatcagaca 150
tccagtagca tcgttttcc actttattct ttcgagtcag tgcaatcatc 200
gtctatcttc tctgtgagtt gctcagcagc agctttattta cctgtatgg 250
gacaattatc ttgttggtt cgttgactt ttggcagtg aagaatgtca 300

caggtagact aatggttggc ctacgttggt ggaatcacat tcatgtaaatg 350
ggaaagagcc attgggtgtt tgaatctaga aaggagtccct ctcaagagaa 400
taaaaactgtg tcagaggctg aatcaagaat cttttgggttg ggacttattg 450
cctgtccagt actgtgggtg atatttgctt ttagtgcact ctttccttc 500
agagtaaaagt gggtggcggt ggttatcatg ggtgtggcg 544

<210> 416
<211> 473
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 35, 46, 62, 69, 142, 185, 252
<223> unknown base

<400> 416
cagcagtcct tatgattatg gagggaaatg gaggnccctt atagcnnaac 50
aggatgctg gntatgacnt attcgcagca aaggcagatt tgtcccctcc 100
agacatgatg cagccacaac agccatacac cgggcagatt tnccagccaa 150
ctcaggcata tactccagct tcacccctcagc ctttntatgg aaacaacttt 200
gaggatgagc cacctttatt agaagatgtt ggtatccaat tttgaccaca 250
tntggcaaaa aacactaaca gtattacatc cgtaaaaatg agcagatggc 300
agcatcatga atgaaaactga tttggcaggt ccaatggtt tttgccttgc 350
ttttggagcc acattgctac tggctggcaa aatccagttt ggctatgtat 400
acgggatcag tgcaattgga tgtcttagaa tgttttgtt attaaactta 450
atgagatgatga caggtgcggc cgc 473

<210> 417
<211> 417
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 31, 53, 80, 96, 110, 130, 227
<223> unknown base

<400> 417
taatttgttta ttgggaaatg gaggattaag nacattttc aatttgtca 50
tgnagaggaa gacctgaagg ttcagcatac tagctacaag acagangggc 100
ccggctgttn aaggaccaggc tctccctggn aaatgtgcac tttcagatca 150
caagatgtga aattgcagga tgcagggttg taccgctgca tcatcaagct 200
atgggtggcgc cgaatnctg tgaaagtcaa tgccccatac 250
aacaaaaatca accaaagaat tttgggttg gatccagtc cctctgaaca 300

tgaactgaca tgtcaggctg agggttaccc caaggccgaa gtcatctgga 350
caagcagtga ccatcaagtc ctgagtgta agaccaccac caccattcc 400
aagggagagg cgccgc 417

<210> 418
<211> 585
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 64, 67, 70, 78, 109, 152
<223> unknown base

<400> 418
agggtgcttgt gctgaaccc agtggttggg gcggtgctcc tcaagcttgt 50
gtgcctgcta accntcntgn gtccgggntg gcaagagtgt gggactttcc 100
ccctggcgnc cgtggacaac atgatggtca gaaaagggga cacggcggt 150
gnttaggtgt tatttcaaag atggagcttc aaagggtgcc tggctgaacc 200
ggtaaagtat tattttgcg ggaggtgata agtggtcagt ggatcctcga 250
gttcaattt caacattgaa taaaaggac tacagcctcc agatacagaa 300
ttagatgtg acagatgtg gcccatacac gtgttctgtt cagactcaac 350
atacaccac aacaatgcag gtgcatactaa ctgtgcaagt tcctcctaag 400
atataatgaca tctcaaatga tatgaccgtc aatgaaggaa ccaacgtcac 450
tcttacttgt ttggccactg ggaaaccaga gccttccatt tcttggcgac 500
acatctcccc atcagcaaaa ccatttgaaa atggacaata tttggacatt 550
tatggaaatta caagggacca ggctggggcg gccc 585

<210> 419
<211> 575
<212> DNA
<213> Homo Sapien

<400> 419
taaactacac tcagtataca gtgatagtgg gatttgaaca cctgaagctc 50
cccatcaaag ggaatgaact tcacatgaag acttataacc ctgccttctc 100
ccgggttggaa aatctggttc cggttttct ttgtgggtgt cacccttcatac 150
gtcacttgcc tgtttgcgca ttccctccgg aaattttcca tgagagactg 200
gggcattcgag cagaagtggaa tgtctgttct cctgcctctg ctgctacttt 250
acaatgatcc gttcttcccc ctctccttcc tggtaaacag ctggctcccc 300
gggatgctgg atgacctctt tcagtccatg ttcctgtgcg ccctgctgt 350
cttctggctg tgcgtgtacc acgggattcg tgtccagggaa gaaagaaagt 400
gtttaacttt ctatttgcct aaattttca ttgttggact attgtggttg 450

gcttctgtta cgcttaggaat atggcaaaca gttaacgaat tacatgatcc 500
aatgtaccag tatcgagttg ataccggaaa tttcaggga atgaaggct 550
tcttcatggt gggggcagcg gccgc 575

<210> 420
<211> 572
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 90
<223> unknown base

<400> 420
gtgtctgctc gcccctcgac gctgctcagg aatttgcaag aaactgaagt 50
tttgattcag atatattttg aattgaaacc agagatgttn tagagtttag 100
attctttcat ttgattaagg tatggtctga atatgcgttg cttggcagct 150
cgggtcaact ataagacttt gattattatc tgcgcaact tcacttttgt 200
cacagttactt ttgttggata agtgtccag tgacaaaagca atccagttc 250
cacggcgttc gagtagtggc ttcagagtgg atgggtttga aaaaagagca 300
gcagcatctg agagtaacaa ctatatgaac cacgtggcca aacaacagtc 350
tgaggaagca ttccctcagg aacagcagaa agcacccct gttgttgggg 400
gcttcaatag caatgtggga agtaaggtgt tagggctcaa atatgaagaa 450
attgactgtc tcataaatga tgaacacaca attaaaggga gacgagaggg 500
gaacgaagtc tttcttccat tcacttgggt tgagaaatat tttgatgttt 550
atggaaaggt ggtggcggcc gc 572

<210> 421
<211> 581
<212> DNA
<213> Homo Sapien

<400> 421
aggctccgt gtctgctcg cctccgacgc tgctcaggaa tttgacaaga 50
aactgaagtt ttgattcaga tatattttga attgaaacca gagatgttct 100
agagtttaga ttcttcatt tgattaaggt atggtctgaa tatgcgttgc 150
ttggcagctc gggtaacta taaggctttg attattatct gcgcactctt 200
cactttggtc acagtacttt tgttggataa gtgttccagt gacaaagcaa 250
tccagttcc acggcgttc agtagtggct tcagagtggta tgggtttgaa 300
aaaagagcag cagcatctga gagtaacaac tatatgaacc acgtggccaa 350
acaacagtct gaggaagcat tccctcagga acagcagaaaa gcacccctg 400

ttgttgggg cttcaatagc aatgtggaa gtaaggtgtt agggctaaa 450
tatgaagaaa ttgactgtct cataaatgat gaacacacaa ttaaaggag 500
acgagagggg aacgaagtct ttcttcatt cacttgggtt gagaaatatt 550
ttgatgtta tggaaagggtg gggcgcccg c 581

<210> 422
<211> 264
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 17, 36, 139, 173, 224, 246
<223> unknown base

<400> 422
tttttttt tccccngca atttttcag tgaaanacat ggagtcttc 50
atcttgaga gttgtcagag tcaagattt gctgtttag ccagtgcatt 100
aaaacaattc acaaagactt tctaggagag gaagagagnc tgagggaaga 150
agagatacag aaaaagaaaa tgnccaggatt gaacctggaa actcacagaa 200
tctctgactc atgctggaaa tgtntttggg tacctcttgc ctttntgtg 250
ttggcgccgg ccgc 264

<210> 423
<211> 601
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 31, 36, 78, 88, 207
<223> unknown base

<400> 423
tgaaaggacc cctagttccc ctggcaaatg ntttnttca atccccact 50
tcattttcct taagagccat tccaagtntc ttcccttntc gataccccaa 100
ccagctcaca tcccaactcaa ggggtgagat gccctcctca ccattgaaga 150
gatcaagccc ccagggggga accagctcaa cttccccctc tgtatctccg 200
aagagcntcc tggggaaaa ctcgaggcag ctgtaccccg tgcgaaatgc 250
ttgctccgt ctccccatgt cttccaggat tttccttcat agtggggatt 300
actcgctaac ctttccttcc tcacccatct cccctttcc ttcagcttc 350
accgtgttta aatcttctaa taattcttt tatgacatct tggggaaaa 400
gctcttctcc agtgcgtccct ccacttctcc aatggccctt ttcactaaac 450
ctccaaattt gtcttgcgt acatttattt agctgcattt acatgttcta 500
aatgcatttac ttgtcgtatt taatcctaacc aacaacctac aaggtaggcc 550

ttgctattat ctccatttta tagttaaga aactgaggct gccgcggccg 600
c 601

<210> 424
<211> 573
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 68, 71, 78, 104, 106, 194, 237, 309, 319, 416, 462
<223> unknown base

<400> 424
tatcggcaca ttggcaaaga caacattcag gcccaatggc ccacaaattg 50
gtccgcccaa tgccatntg naaaaaggntt cactgcaa at tacaaaagca 100
tccntnatga aaagagattg gaaaggcctc tccaagcaac tggactggga 150
tgttcgaagc attcagcgct ggttcgcaaa gacgcaatca gganaagccc 200
aagcacggct gacgagggttc tgtgagagca tgtgganatt ttcattttac 250
ctttatgtat ttacctacgg agtcagattc ctgaaaaaga cccccctgggtt 300
gtggaatang aggcatgtnt ggtacaacta cccctatcag ccactcacaa 350
ctgacccctca ctactattac atcctggagc tgtcgttta ttggctttg 400
atgtttctc agttcnctga tatcaaaaga aaggactttg gcattatgtt 450
cctgcactac cngtatcta ttttcttgat tacctttca tatgtcaaca 500
atatggcccg agtaggaacg ctggccctt gtcttcatga ttcagctgat 550
gctctctgg aggctgcggc cgc 573

<210> 425
<211> 632
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 19, 110
<223> unknown base

<400> 425
atttttgaa attaatgcnt gagcttatt ttgttaatt gttatgccca 50
ctggattggg acaagcatca cctctgaatt ttgaagacct taatgtgtgt 100
tagccattgn aaagctactc aagtgcgtg caagagtcat acccacatcc 150
ctttgatcaa atttactaca cgagctgcac tgacattcta aactggttta 200
aatgcacgcg gcacagagtc agctatcggc cagcctatcg acatggggag 250
aagactatga caggcgcaag tctcgtgtt gtcctggatt ttatgaaagc 300
ggggaaatgt gtgtccccca ctgtgctgat aaatgtgtcc atggtcgtg 350

tattgctcca aacacctgtc agtgtgagcc tggctgggga gggaccaact 400
gctccagtgc ctgcgatggt gatcaactggg gtccccactg caccagccgg 450
tgccagtgca aaaatggggc tctgtgcaac cccatcaccg gggcttgcca 500
ctgtgctgctg ggcttccggg gctggcgctg cgaggaccgc tgtgagcagg 550
gcacctatgg taacgactgt catcagagat gccaatgcca gaatggagcc 600
acctgcgacc acatcacggg gctggcgcc gc 632

<210> 426
<211> 251
<212> DNA
<213> Homo Sapien

<400> 426
ttttcaatga aaaaaagaat cccaaaaaaaaaa aaagttgtca gcctcatttg 50
tgcgtcatcc cttatttcc tgggatctca ggacctctgt ccctctcatt 100
tctcacttct gagatctgca catctttac ccaggagcct cagagcttct 150
gagtctggtg tctgcctatc cccatcttca ctgttagtcc tcctgcagat 200
tctgtgtctc ctttcatgtt ggtgtggat ccctgtgtgt ggagcggccg 250
c 251

<210> 427
<211> 607
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 56, 99, 150
<223> unknown base

<400> 427
acaagtttc ccaatgactt gttaaaagtc gatgggtgt tag ctcaagatgg 50
aacccncaat gtacattaat aacaaaagtt cacaacgggc aaaggacnt 100
cacatgtgca aggaaaatgt gcggagatta ttgggctcac cttgggtacn 150
tgaactacac tcagtatataca gtgatagtggtt gatttgaaca cctgaagctc 200
cccatcaagg gaatgaactt cacatggaag acttataacc ctgccttctc 250
ccgggttggaa atctggttcc ggttttctt tgggtgctc accttcatcg 300
tcacttgcct gtttgcgtat tccctccgga aattttccat gagagactgg 350
ggcatcgagc agaagtggat gtctgttctc ctgcctctgc tgctacttta 400
caatgatccg ttcttcccccc tctccttcct ggtcaacagc tggctcccag 450
ggatgctgga tgacctttt cagtcatgtt ccctgtgcgc cctgctgctc 500
ttctggctgt gctgttacca cgggattcgt gtccaggagaa aagaaaagtg 550
tttaacttcc tatttgccta aattttcat tggacta ttgtggttgg 600

cggccgc 607

<210> 428
<211> 583
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 19, 119
<223> unknown base

<400> 428
gcatccgctt gactgcattt gagtttccc agtctgtctt tggggatggg 50
gccatgccat agtcttgatg tcttgcggc tgtgatttt gcagataaga 100
tgacttggcc catggccnc agatcactta ttctgggaa gtgttaggaac 150
agtgggtgcc taacccaagt tcttacatga tgtaccttt tccttctaa 200
aaaataactt aaaaatatga aatatactaa tttgttttag atattacata 250
caattggaaa gtggacaagt tcctgtatata gctgtcactt ttcaagaacc 300
tgagaatgat ctcggaaatt gctgttactt gtgggctgtt cagtcacac 350
aagataggtt ggtctcatac aaaccttggtt ttgtttttttt 400
ggagacagag tctcgctctg ttgtccaggc tggagtgcaag tggcgtgatt 450
tcggctcaact gcaacctccg cctccggat tcatgccatt ctctcgctca 500
gcctcccgag tagctgggac tacaggtgcc tgccaccatg cctggctaat 550
ttttatattt tcagtagaga cgggagcggc cgc 583

<210> 429
<211> 462
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 51-52, 54
<223> unknown base

<400> 429
ttaatttaaa aatatgaaaa gtaaaaaatgg gattttgtct tatttgtt 50
nnanagctgg cttttcacac atgcagttgt tagtgtttac tgcccttgcc 100
attttaatta tgaggctaaa gatgttttg acaccgcaca tgtgtgttat 150
ggcttccttg atatgcttc gacagcttt tggctggctt tttcgccagag 200
ttcgccccga gaaggttatc tttggcattt taacagtgtat gtcaatacaa 250
ggttatgcaa acctccgtaa tcaatgggac ataataggag aatthaataa 300
tttgccctcag gaagaacttt tacagtgatg caaatacagt accacatcag 350
atgctgtctt tgcaggtgcc atgcctacaa tggcaagcat caagctgtct 400

acacttcatc ccattgtgaa tcatccacat tacgaagatg cagacttgag 450
ggctgcggcc gc 462

<210> 430
<211> 546
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 6, 36, 64
<223> unknown base

<400> 430
ggcccncaact ggccaaaata gttggaatgc cttttnttat tcaccaatgg 50
ggcccaaggg gaanagtggg tgggggggg gccttttgc accatcatca 100
catccctgga tacttgtaac caattgcct gtatgccat catgactgta 150
atgagtgtgg acaggtactt tgccctcgta caaccatttc gactgacacg 200
tggagaacaa ggacaagacc atccggatca atttggcct ttggcagct 250
tccttatcc tggcattgcc tgcgtggc tactcgaagg tcatcaaatt 300
taaagacggt gttgagagtt gtgcatttga ttgcacatcc cctgacgatg 350
tactctggta tacactttat ttgcacgataa caacttttt ttccctcta 400
cccttgattt tggtgtgata tatttaatt ttatgctata cttggagat 450
gtatcaacag aataaggatg ccagatgctg caatcccagt gtacaaaaac 500
agagagtgtat gaagttgaca aagatggtgc tggtgctggc ggccgc 546

<210> 431
<211> 526
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 56, 64
<223> unknown base

<400> 431
agggtcacc atggcaaagc ttcccttctt gattctctcg agtttgttga 50
agcgtnntacg gttncactga cggattcaga agtcatttt acctcagctt 100
tcattgaaac tacctcctat cttgagtctt cactcatttc ccatgaatcc 150
gcagtcactg cactggtgcc ccccggtctg agtctttga cattttgact 200
gccgggattc aagcaacatc accattgacc actgtccaca caacgccccat 250
tttaactgag tcttctttgt tctcaactct gacacctcct gacgaccaaa 300
tcagtgctct agacggtcac gtgtctgtcc tggcctctt ctccaaagcc 350
attcccaactg agctgaccgt cgtggccca tcactcacac ccacagaggt 400

gccactgaac acctccacgg aagtgagcac aaccagcacc ggtgctgcc 450
ctgggtgtcc cctcgactcc accctgatgg gtgacgccgc aagtcagagc 500
ccccccagaga gtagtgctgc tcctcc 526

<210> 432
<211> 525
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 17, 93, 107
<223> unknown base

<400> 432
acactcagaa caggagnaat ttggactaat tttcaaacta cagacacttt 50
ctaattcatga tgcatttcaa aagtggactc ggaatttaac tgnngttgcaa 100
aacatgncag tgcccggagga tgataacatt agcaatgact ccaatgattt 150
caccgaagta gaaaatggtc agataaaatag caagtttatt tctgatcgtg 200
aaagtagaaag aagtctcaca aacagccatt tggaaaaaaaaa gaagtgtgat 250
gagtatattc caggtacaac ctccttaggc atgtctgttt ttaacctaaag 300
caacgccatt atgggcagtg ggattttggg actcgccctt gccctggcaa 350
acactggaat cctactttt ctggtaacttt tgacttcagt gacattgctg 400
tctatatatt caataaacct cctattgatc tggtaaaaaag aaacaggctg 450
catggtgtat gaaaagctgg gggacaagaat ctttggcacc acagggaaat 500
tcgtaatctt tggagccacc tctct 525

<210> 433
<211> 558
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 23, 111, 130, 146
<223> unknown base

<400> 433
ccaaacccat taccaagcag atnctttgg gggattccag ccatcagaca 50
aggaacccat ggcagctgca gggtttttg cattgtgcaa gcttatgctt 100
tcttgccagat ntgagagccg attaacaan caagagttcc agaccnttt 150
cttttgggt gtatcactag ctgcagggtgc tgtgttcctt agtgcatact 200
atttgactta tacaggttac attgcaccat ggagtggcag gttttattca 250
ttgtgggata ctgggtatgc aaaaatacac attccaatta ttgcatacgat 300
gtctgagcat caacctacga cttgggtgtc tttcttctt gatctacata 350

ttcttgtatg taccttccca gcaggccttt gggtctgcat caaaaatatac 400
aacgatgaaa gagtatttgt tgctctatat gcaatcagtg ctgtctactt 450
tgctggagtgc atggcgac tgatgttgcac tttgactcca gtcgtgtgta 500
tgctgtctgc aattgccttt tcaaattgttt ttgagcacta tttggggct 550
gcggccgc 558

<210> 434
<211> 490
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 74
<223> unknown base

<400> 434
attgcagctg ttatTTTTT ggaaatgctt gaaaaagcag tttttatag 50
tgaataccaa aacatcagca acantggact gtcaacccaa ggcttattga 100
tatTTGCGGA gttgatttct gcgattaaga ggacgttggc tcgccttctc 150
gtgatcattg tgagcctggg ctaggcatt gtgaagcctc gtttaggaac 200
agtcatgccc gggtgatcgg actggggctt ctagttaaa tcttgcagc 250
tgTTgaaggc gtgatgagag tcattgggg ttctaaccat ttagctgtt 300
ttcttgcattttt cattatTTTtgc agtttattt actccatttt tgtgtggttc 350
atTTTattttt gtttggcaca aactatgaag accctaaggc taagaaagaa 400
caCTgtgaaa ttTCattttt atagacattt taAAAataact ctgatctt 450
ctgtgtggc ttctatagtg tttatgggc gagcggccgc 490

<210> 435
<211> 536
<212> DNA
<213> Homo Sapien

<400> 435
ggccacactg gccaaactaa aatttttgtt attgcagatg acgctcata 50
tggcaactta ctaacatcaa aattcttagt ttataaggat tttgatactt 100
tattgtatac ctgtgcagcg gagtttgcact ttatggaaaa agagactcca 150
ctgagataca caaagacattt attgcttcca gttgttcttgc tagtgtttgt 200
tgctattgtt agaaagatca tttagtgcata gttgggtgtc tttagctaaac 250
aacagacaca tgtaagaaaa caccagtttgc atcatggaga gctggtttac 300
catgcattgc aattgttagc atatacagcc cttggattttt taattatgag 350
actaaaaactc ttcttgacac cacacatgtg tgttatggca tcactgatct 400

gctcaagaca gctatttgg a tggctttt gcaaagtaca tcctgggtct 450
attgtgttg ctatattagc agcaatgtca atacaagggtt cagcaaatct 500
gcaaaccagg tggaaatattg taggggaggc ggccgc 536

<210> 436
<211> 513
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 19, 40, 57, 66
<223> unknown base

<400> 436
agggttttaa taggactanc agtacgatgg gcagtgtctn ttaattttta 50
ttcagngct ggtaanccgc ctatgtttgg tgattatgaa gtcagagac 100
ctggcaagaa ataactttt aatttaccgg tcaaacaatg gtattttacc 150
agcagtgata acaatttaca gtattggga ttggattacc cacctcttac 200
agcttatcat agtctctat gtgcataatgt ggcaaagttt ataaatccag 250
actggattgc tctccataca tcacggtgga tatgagagtc aggacataa 300
gctcttcatg cgtacaacag ttttaattgc tgatctgctg atttacatac 350
ctgcagtgg tttgtactgt tgttgcttaa aagaaatctc aactaagaaa 400
aagattgcta atgcattatg catcttactg tatccaggcc ttattcttat 450
agactatgga cattttcaat ataattctgt gagtcttggc tttgctttgt 500
gggggtgcggc cgc 513

<210> 437
<211> 570
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 32, 48, 72
<223> unknown base

<400> 437
cactggccaa aaaattcgat gcgaggccca gnaagcacgc tgaaaccntg 50
gcggcccaa gctgtgcgac tnntttgcgg ccggcctgg caggtgtctt 100
cctcgagagg caggcagggg atcccgaca ctagctttat cgtcatctgg 150
gaaattgtta aaaatgcaaa ttgcgaagtt tgagagccat ggttccaaga 200
aactgcataa gcatacgaaa taagttgcag cctcccgact tataccctgg 250
tacttcttagt ctaaaacagg atttgactct actaatccag ctttatacag 300
gatgctgtgt tctttgctcc tttgtaatg tctgttgctg gtagctggtt 350

atgctcatga tgatgactgg attgacccca cagacatgct taactatgat 400
gctgcttcag gaacaatgag aaaatctcag gcaaaatatg gtatttcagg 450
ggaaaaggat gtcagtcctg acttgcata gtcgtatgaa atatcagaat 500
gttatcacaa acttgattct ttaacttata agattgtatgaa gtgtaaaaag 550
aaaaagaggg gtgcggccgc 570

<210> 438
<211> 557
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 33, 51
<223> unknown base

<400> 438
agaaaaaagaa gaatcaacgt aaataagata aanggattca aaataaagat 50
ntcttgaaga gaaataagaa tcatttacaa aagcagcaga gaaaaatttt 100
acagatgaag gagccagcta tttaagatgg gcatcaaggt tctccagcag 150
tctaaaagcc aaaaacaaaaa agaagaagcc tacctacttt ttgc当地 200
agctgacatg ggaaacttga aagctatgga gaaaatggct gacgcttgc 250
tattttggaaa ttttggcgtg caaaatataa cagcagctat ccaattatat 300
gagtccttgg ctaaagaagg atcatgtaaa gcccaaaacg cattaggatt 350
tttgtcttct tatggaatag gaatggaata tgatcaagct aaggcactga 400
tatattacac ctggaaagt gctggaggaa acatgatgtc ccagatgatt 450
ttggggtaca gatatttgc gggaaatcaat gttctacaga attgtgaagt 500
tgccctaagt tattacaaga aagtggcaga ttatattgct gacacatttg 550
aaaaaaag 557

<210> 439
<211> 330
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 116-117, 135, 196, 261
<223> unknown base

<400> 439
ttttttgcc ttgggtgttc tcacactctg caagtttac ttgcagggtt 50
atcgagttt catgaatgtat cctgccatga atcggggcat gacagaagga 100
gtaacgctgt taatcnntgg cagtgcagac tgggntgata gaacatgcag 150
gttggttcatc gggcattctt gtcagtatt atcctttca ttgtcngtag 200

cttctatcct acagtctatg ttagaaattg cagatcctat tgtttggca 250
ctgggagcat ntagagacaa gagcttgtgg aaacacttcc gtgctgttaag 300
cctttgttta ttttattgg tattccctgc 330

<210> 440
<211> 549
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 46, 64, 82, 85, 88, 169
<223> unknown base

<400> 440
accacccgtgc ccatttattt tggcccttgt taaaccaata actgcntatc 50
cagatatgcc acantttgc ctgctgtggc anccntcntg gataggtgct 100
cttgttaatc acatggatgt tatataagag ttgggcccggc ccagcacaca 150
aggtcagcat gtgctctnt gtcacgctct cgctatacgat gttgtccaga 200
tcgtttatctt ctcagaaaagg tggcatttg ccaagaacat caacctctat 250
aatgtgagggc ctccctctcgaa ccctacacca ttccaaata gcttcaagt 300
ctttacttgt gaaaacgcag gggataatta taactgcaat cgatggcag 350
aagacaaaatg gtgtccacaa aatacacagt actgtttgac agttcatcac 400
ttcaccoagcc acggaagaag cacatccatc accaaaaaagt gtgcctccag 450
aagtgaatgt cattttgtcg gttgccacca cagccgagat tctgaacata 500
cggagtgtag gtcttgctgt gaaggaatga tctgcaatgt agaattacc 549

<210> 441
<211> 303
<212> DNA
<213> Homo Sapien

<400> 441
atttatttttgc ctaaattgaa agggAACATA gatggAAATTc caaaatATgt 50
acattcagct gtttggTTTc tcgttttca ttgttattat tgtgagaatg 100
ctgttattgg ggTTGTgtgt gagtgcccgT cagccAGTga tgcctcggc 150
cacgctgtgg ggCCACCTca gtcctgcctg ggtcctggT ccttggACCC 200
cacgtgcttg tggccAGGgt gccccTggc ggggCCATgt ggcctcAGAc 250
cacaAGAGCg gagctGCCt ggCCCAAGCa ctgcAGCTgc ctgcACCCCC 300
ggg 303

<210> 442
<211> 559
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 22, 38, 63, 90, 138
<223> unknown base

<400> 442
cgaccgcct tcgcgggca gnaaggccag gggtgctnag ttcttcacc 50
tcctttaga ctnaagattt gccaaagtcc cccgcattgn tcttgaggat 100
ctcagaaggg ctcttaagc aagactgcaa atgggtgnntt atttgtcatg 150
aacccgaatga attccccaga acagtggttt cactcagcgc agggaaatgg 200
ctctttggaa ttgttattct tctgcttggtt gatgtgatat gggttgcttc 250
ctctgaacctt acttcgtatg ttttaccca gtacaacaaa ccattttca 300
gcaccccttgc aaaaacatct atgttggttt tgtacccccc gggctttattt 350
atttggaaagc catggagaca acagtgtaca agaggacttc gcggaaagca 400
tgctgctttt tttgcagatg ctgaaggta ctttgctgt tgacacaacag 450
atacaactat gaatagttct ttgagtgaac ctctgtatgt gcctgtgaaa 500
ttccatgatc ttccaagtga aaaacctgag agcacaaaaaca ttgatactga 550
aaaaaccccc 559

<210> 443
<211> 559
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 25, 50
<223> unknown base

<400> 443
gacctcgacc caagggtccg cggangggtg ggactggtca tggatcttn 50
gtcaagaatg agtttcggcc ccctcttacc ttatggctta taataaatcc 100
ttgagtgtaggg ggcaaccaca acttttctga ctgggattat tcagctaata 150
atgggcgtat tgggtttggg ttcattgccca cttacccccc ggagtctgca 200
atgagtgctt acctggctgc tgtggactt cttatcatgc tgtcccaagct 250
gactttcatc tttgggatta tgattagttt ccatgccggt cccatcttcc 300
tcttctatga cataattaat tactgtgttag ctctccaaa agcgaattcc 350
accagcattc tagtatttct aactgttggtt gttgctctgc gaatcaacaa 400
atgtatcaga atttcttca atcagtatcc cattgagttt cccatggaaat 450
tatttctgat tattggcttc actgtgattt cttttttttt cttttttttt 500
acagaaacca gccagacgtt tattgacatg attccttata gctttctgtt 550
tcctgttaac 559

<210> 444
<211> 547
<212> DNA
<213> Homo Sapien

<400> 444
acagttgtgg ggaatcactg ttcctggta gaaatttctg cattttatat 50
tatTTTCTTG gCTATATTCC caaAGCTTGG attAGCACTG CTATGAACCT 100
TCACATAGAT gAGCAGGTTc ATAGGCCACT TGACACAGTG AGTGGCCTCT 150
TAAATCTCTC GTTACTCTAC CATGTCTGGC TGTGTGGTGT CTTTCTCCTG 200
ACGACTTGGT ATGTCTCATG GATACTCTTC AAAATCTATG CCACAGAGGC 250
TCATGTGTTT CCTGTTCAAC CACCATTGC AGAAGGGTCA GATGAGTGCC 300
TTCCAAAAGT GTTAAATAGC AATCCTCCCC CCATCATAAA GTATTTAGCC 350
TTGCAAGGACc TGATGTTGCT TTCTCAATAT TCTCCTTCAC GAAGACAAGA 400
AGTTTCAGC CTCAGCCAAC CAGGTGGACA TCCCCACAAT TGGACAGCCA 450
TTTCAAGGGA GTGTTGAAT CTTTAAATG GTATGACTCA GAAACTGATT 500
CTCTATCAAG AAGCTGCTGC TACGAATGGG GGGCATCATG CGGCCGC 547

<210> 445
<211> 525
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 40, 69, 176
<223> unknown base

<400> 445
ttcatggtaa aaaatgaact accctctgcc ataaagttt taatggaaa 50
ggaagagaca tttcagcnt ggacgtggat ggccgcgttc tggtggtgat 100
agttaccttt ggcataattc tccctctgtg tctcttgaag aacttaggga 150
tcttggttat actagtggat tttccntgag ctgtatggtt ttttcctaa 200
ttgtggttat ttacaagaaa tttcaaattc octgcattgt tccagagcta 250
aattcaacaa taagtgctaa ttcaacaaat gctgacacgt gtacgcca 300
atatgttacc ttcaattcaa agaccgtgta tgctttaccc accattgcat 350
ttgcatttgt ttgccacccg tcagtcctgc caatttacag tgagctaaa 400
gaccgatcac agaaaaaaat gcagatggtt tcaaacatct ccttttcgc 450
catgtttgtt atgtacttct tgactgccat tttggctac ttgacattct 500
atgacaacgt gcagtcgcgc gcccgc 525

<210> 446
<211> 510

<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 2, 287
<223> unknown base

<400> 446
gnccacactg gccaaaaggt tgccgctagc cgcctggaa tttaaggac 50
ccacactacc ttcccgaagt tgaaggcaag cggtgattgt ttgttagacgg 100
cgctttgtca toggacctgt gcgggttggaa atattgcttt tcctttttt 150
ggccgtgcac gaggcttggg ctggatgtt gaaggaggag gacgatgaca 200
cagaacgctt gcccagcaaa tgcgaagtgt gtaagctgct gagcacagag 250
ctacaggcgg aactgagtcg caccggtcga tctcganagg tgctggagct 300
ggggcaggtg ctggatacag gcaagaggaa gagacacgtg cttacagcg 350
tttcagagac aaggctggaa gaggccttag agaatttatg tgagcggatc 400
ctggactata gtgttacgc tgagcgcaag ggctcactga gatatgccaa 450
gggtcagagt cagaccatgg caacactgaa aggcttagtg cagaaggccc 500
ctgcggccgc 510

<210> 447
<211> 551
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 32, 95, 98, 107, 207, 374
<223> unknown base

<400> 447
aagttttttt ttaattatca tggacgggt tntggattta atggggggaa 50
aaggccggaa aaggacaagg atccaaactg gggatttgt tgatntngg 100
gtccctntcc gcttccggc cggcagcggc tgccaggta tatttcctt 150
tttccgatcc tgcaacagcc tctttaact gtttaatga gaatgtcctt 200
ggctcanaga gtactactca cctggcttt cacactactc ttcttgatca 250
tgttgggttt gaaactggat gagaaagcac cttggactg gttcctcata 300
tttattccag tctggatatt tgatactatc cttcttgcc tgctgattgt 350
aaaaatggct gggcggtgt a gntggctt tgaccctcga catggatcac 400
acaatattaa aaaaaaagcc tggcacctca ttgcaatgtt acttaaatta 450
gccttctgcc tcgcactctg tgctaaactg gaacagtttta ctaccatgaa 500
tctatcctat gtcttcattc ctatgggc cttgctggct gggcgcccg 550

c 551

<210> 448
<211> 346
<212> DNA
<213> Homo Sapien

<400> 448
taattaaaat gcacacacac acacacacac acagaaattt tgagagccat 50
tttaatataa ttgcctccct agaaacatac ctttaggga attttatca 100
ctaaaccaca tggatattaa atacgtacat gtttaacata aatacataca 150
taaaattcac atgcatactt aacactttag ttaaatatat tcaatgtata 200
tacatatgtt cacaatatat gcatatatac atgtgggtat gtggatgtg 250
tgcatgtgtg tttatggcca gctacataat ttgtggact aaggcaaaa 300
tgaaactgtt cggccctcg tcaaaaatta ggtgtgggc ggccgc 346

<210> 449
<211> 550
<212> DNA
<213> Homo Sapien

<400> 449
ccagttgtc aaactactac tcttcaatgc ttctacatag cattcttaa 50
gggcaattt gttagctatc caggagaccc cagtttattt gttggaaaa 100
tacagaaatg aagagtgtga cccaggtggc tgtcttctt aactgacaac 150
tcagcttgc aataatcatg ggagggaaag caatctggaa taacatacaa 200
gaagtattat tgccctggat catgaatcta attggcgat ttcacagagt 250
ttctggatca gaaaagataa ccccacgatg ggaacaggac taccatctgc 300
agcctatggg caaactggga ttatTTATG aatatcttga aatgattatt 350
cagtttgggt tcgtcacctt atttggcc tctttccac tggcccctt 400
gttggcttc gtgaacaata tattggaaat aagagtggac gcatggaaac 450
tgaccaccca gtttagacgc ctggtaccag agaaagccca agacattgga 500
gcatggcagc ccatcatgca aggaatagca attctggctg tggcggccgc 550

<210> 450
<211> 499
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 57, 65, 68, 100, 146, 160, 177, 194, 237
<223> unknown base

<400> 450
ctgttaatga ttgcatttgg ctttgctggg gggcatttt cttgcggatc 50
aaaccncgc aaagngtnntt catttccacg tgtctgtt gtcaagcanc 100

cccttggtgt ccagggtcct tcatggccag tgctcggtt acaaanaagg 150
cgacattgan tacaagcccc gtgctcntcg gcatgctggt aacncaggac 200
gtgcagctcg ggcttccat ggccgtcatg ccgactntca tacaggcggg 250
cgccagtgca tcttcgtca ttgtcggtt agttctccga atcctggttt 300
tgattggtca gattctttt tcactagcgg cggttttct tttatgtctt 350
gttataaaga agtatctcat tggaccctat tatcggaagc tgcacatgga 400
aagcaagggg aacaaagaaa tcctgatctt gggatatatct gccttatct 450
tcttaatgtt aacggtcacg gagctgctgg acgtctccat ggagctggg 499

<210> 451
<211> 474
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 26, 61, 77, 92, 99, 118, 136, 148, 167, 171, 228, 233, 255, 283,
347, 404, 468
<223> unknown base

<400> 451
atcccaggcc tttaggcccc ggaatnaaca attgcaatgc acgtttaagg 50
aaaaggccat ntcggattca gaccctnacg gccttccac anttgcnt 100
cacttgcaac agggcttngg gtgggcctcc cgtttntaaa gcaccccnct 150
atgaatgcac agcaggncaa nacccaagtc ccaagactgc ctgggcctac 200
tggcccccct agcatttgc cagaggtntc ctntacaagc tcccatgttg 250
ggaanaagca cagacccacc aggacccctg tnntcctct cagatcccct 300
tcctgccacc ttttcccact ccggggactc agcccaggac acctcgntga 350
ttcctgcccc cttaacacct gcaagcaggg atgccggcat cagaagaatg 400
tttngtgttt gaaattgttt gaggggtttt ggtttatttt tgttggttt 450
ttctttttt ttgcttangt gggc 474

<210> 452
<211> 421
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 108, 153
<223> unknown base

<400> 452
acggcgatcc ccgccccaaa tcaaagctcc gagtcatccg tgtggggcat 50
tcgtcccccc tggcacagtt ggcttccat cagaagcccc ttttgggtttt 100

tttacgtnta aattcgcgtc gggttcttatt tctctccctg gcaagggtctg 150
aanacgggta ggagaataac ctgtgtcagc gtgttatgtat gccgtcccg 200
accaacctgg ctactggaat ccccagtagt aaagtgaaat attcaaggct 250
ctccagcaca gacgatggct acattgaccc tcagtttaag aaaaccctc 300
ctaagatccc ttataaggcc atgcacttg ccactgtgct gttttgatt 350
ggcgcccttc tcattattat aggctccctc ctgctgtcag gctacatcag 400
caaagggggg gcagaccggg c 421

<210> 453
<211> 504
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 84, 117, 121
<223> unknown base

<400> 453
gtcatcttta cattcttagtc ctccctgcattc tcctcaaggt tccctcaca 50
aagggttacac acttattcca tcagctaaat ctgncaacctt gtctgactcc 100
agccatagtg agatttttc ncggtccagc atcgtgagca attgttctgt 150
tgactccatg tctgcagctc tacaggatga acgggtttcc tctcaggccc 200
tggcagtcctc tgaatccact ggggcattgg aaaagacaga gcacgcttca 250
gggataggag atcatagtc acatggccct ggggtggacac tcttgaagcc 300
atctctaattc aagtgttttag ctgtctcattc gtctgtgagc aatgaagaga 350
tttctcaaga gcatatcatt atagaaggcag ctgacagtggtt tcgtggaagt 400
tggacttcgt gttcaaggcag ctccccatgac aacttccaaa gccttccaaa 450
cccaaaaaagc tgggattttt tgaactctta cagacataacc catttggatg 500

accc 504

<210> 454
<211> 474
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 21, 46, 55, 81, 86, 218, 301
<223> unknown base

<400> 454
ttatgctttt cttgcagtat ntgaaaggcc cgattaacaa aacaanagtc 50
ccaaanacccc ttttctttt tgggtgtatc nctagntgca ggtgctgtgt 100
tccttagtgtt catctatttg acttatacag gttacattgc accatggagt 150

ggcagggttt attcattgtg ggatactggg tatgcaaaaa tacacattcc 200
aattattgca tcagtgtntg agcatcaacc tacagacttg ggtgttttc 250
ttctttgatc tacatattct tgtatgtacc ttcccagcag gccttgggt 300
ntgcatcaaa aatatcaacg atgaaagagt atttggctctatgcaa 350
tcagtgtgt ctactttgct ggagtgatgg tgcgactgat gttgactttg 400
actccagtcg tggatgtatgcgttgcatt gcctttcaa atgaaaaatgg 450
gcactatggggggagcgg ccgc 474

<210> 455
<211> 525
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 28, 57, 91-92, 98-99, 127, 133, 151, 178, 221, 236, 239, 267,
295, 301, 325, 349, 381, 396, 426, 441, 481, 498, 501, 516
<223> unknown base

<400> 455
gccagaaaaac ccttaagaaa aaaagcgtag gaaattttcg ccaaagctga 50
aagatcncag cggcctgaga aaaaagtttgc ccccaaaaaag nntgttnna 100
aaaggccaag gaggaagccc cctttntcc ctngggcact tgtatTTTT 150
naaccctgct ttccccaaat ccccactnat gaggatcagc ccatgggttgt 200
atTTTgcga tgatttcctg ngtcctggag tctttntcng gtcaacgggt 250
ttcttgttat atttgcncta tgttagctgat gtcaattcag gagcncggag 300
ngaagtacaa gcttatggat gggtnctcag cccaccttg cggctagtn 350
ttgtcagcag cccggccat tggagcatat ntTTTctgcc agtttncgga 400
gacagcctcg ttgtgctggat ggcccnctcag ggtggctctt ntggacatct 450
ggttcatctt agtggctgtt ccagaatcct ntgcatgaga aaatgagncc 500
nggtttcctg gggagntgctg gccgc 525

<210> 456
<211> 506
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 94, 139, 162, 195, 257
<223> unknown base

<400> 456
tccttgtaa acatgaaggg ccccggtac catggtttg ccaccttcat 50
tccaaagcacc ccccccacg aaggcctcct ggtaccttg tcancactt 100
gtttagaag gtatgcccga tggagaagca ttagtagana agcaccagcc 150

ccagggtcaa cnccgccttc cacaaaaagc cacatcgagg gcccncctcc 200
ccattcgtgg cggctgcagc accggagctc ctgagtcagc gggggcaggc 250
accacctnttg aatacaatgt gcaggaagag ccggtgaggtagaccacag 300
ctttcaccaa gaacgtctcc aggctggagg agctctctgc agctccatga 350
ttcggAACCA tcagcagAGC CCCAGGCAGA GTCCTCACCT AAGGGGCTGG 400
tggctggTGC tgacccttcc catggtaat tggatgcAGC GTCACAGGT 450
cccaaggtct gctcgGCCtT GGGAGCTCCA GCCCGGAATT TTTGCCAGT 500
gtggcc 506

<210> 457
<211> 194
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 36
<223> unknown base

<400> 457
tgctccccctc ttcctctcc acaatctcac ccattntgca tgtgccggtg 50
ccctttcctg tcatcccacc ttctctgag actgtgttct tttttcttaa 100
ttctgttttc tgtttgttct ttaggttgca tagtctttat tgatatttct 150
ttgaattcac tgattcttct gccagctcag tctgttgtg agcc 194

<210> 458
<211> 480
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 40, 61, 105, 128, 193, 217, 229
<223> unknown base

<400> 458
gattacaaaa acaaaaaatg tttaatttaa gtgaaagggn ttaataattt 50
taatctggga nttaataatt cagtggaaat tttaaatgaa tagttactat 100
aatcncaaatt aattgagagt caacttntt ttccccaaa acatacatga 150
aaggctgtg tggtaagct ctgatttca ggaccctat ttntggaagc 200
agagtaactg gaaatantaa gtcaagatnt gaaaaccatt tgaagttAAC 250
caaaaaAGCAC aggctactaa ggcaggtgca gcatcaatga ttcactacat 300
ggttctgata tcagctcgct tggtaactact cactttgtgt ggatgggtac 350
tttggac cctcgtaat ctcttcgaa gccattcagt cctcaatctc 400
cttttccttg gctacccgtt tggtgtttat gttcctctt gctgtttca 450

tcaagatagt agagcacatc ttcttctcac 480

<210> 459
<211> 564
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 57, 73, 84, 93, 105, 147, 150, 156, 235
<223> unknown base

<400> 459
cggtccgaat atccggaacc tgacccaatc cttggccttt gaaactttca 50
tttttngtt gtctgcctca acncgtcagg tggngcccaa acnttgtaa 100
agtcnagatc cgggggaggg tacttcatgg ccttgactc catattnttn 150
tgcatntacg tggtaaaagc cctgctcaag atcatcgccc tgggcctctt 200
ggtaattctt tgacttctgg aacaatttgg acttnttcat tatggccatg 250
gccgtgctgg acttcttgct gatgcagacc cactccttcg ccatctacca 300
ccaaagcctc ttccggatcc tcaaggtctt caagagcctg cgggccccta 350
ggcaatccg ggtcctgccc aggctcagct tcctgaccag cgtccaggaa 400
gtgacagggc ccctggccca gtccttgccc tccatcgccag ccattctcat 450
cctcatgttt acctgcctct tcctttctc cgccgtcctc cgggactgt 500
tccgcaaatc tgaccccaag cgcttccaga acatttcac caccatcttc 550
accctcttca cttt 564

<210> 460
<211> 565
<212> DNA
<213> Homo Sapien

<400> 460
caaagaaaag aaaagggcac ttccggagcaa atcatacact aggccttga 50
tgcttaatt cttttcagt tcattaaaag taactactaa ggaaaggtta 100
aaaactcccc ctcaaaaagg aatcaacccc aggaagtaat cattacaac 150
gattttccca aattttgaca atctgtcctg gaaagcaaac ccctttaaa 200
atctaattgtc tgggcttga gtattagctc atttagggtg gacaaatgca 250
ttactgtttt caaactgctc acatttattc agtatttctc caagttgcta 300
tctactcagc cttatgaatg cccctcgctt ttctaaaggcc atgtgaaaat 350
cacggcactg cccttagcct tgtgtcatct gcttttcgt tctgcgatat 400
gcccagttcc caaatcaatt ataggtacct gtttaggaga gaggaagatt 450
ttacctctca aagggtgaga tttgaaattt acactaaaaa gacaacttta 500

catttaatgc ttcacttaat gagacattct ttttttata agtctatttt 550
tctactcagt ttcag 565

<210> 461
<211> 563
<212> DNA
<213> Homo Sapien

<400> 461
atgcagttgt taaggttac tgcccttgcc attttaatta tgaggctaaa 50
gatgttttg acgctgcaca tgtgtgtatg gtttcattga tatgtctcg 100
cagttcttg gtggctttt cgcaagttc gtttgataa tggatcttt 150
ggcattctaa cagtgtatgc aatacaaggt tatgcaaacc tccgtaatca 200
atggagcata ataggagaat ttaataattt gcctcagggaa gaactttac 250
agtggatcaa atacaataacc acatcagatg ctgtcttcgc aggtgccatg 300
cctacaatgg caagcgtcaa gctgtctaca cttcatccca ttgtgaatca 350
tccactttac gaagatgcag acttgaggc tcggacaaaa atagtttatt 400
ctacatatacg tcgaaaatct gccaaagaag taggagagaa attgttggag 450
ttacatgtga attattatgt tttagaagag gcatggtgtg ttgtgagaac 500
taagcctggc tgcagttatgc ttgaaatctg tggatgtggaa gacccttcca 550
atgcagctaa ccc 563

<210> 462
<211> 487
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 17, 37, 70, 126, 128, 131, 150, 161, 172, 234, 299, 321, 368
<223> unknown base

<400> 462
gaagtggccc caacatntga caaaaactccc aatgaangat tccccgcttg 50
aaacaatggg ggcagggtctn ccggcttcga gggcaagtt tcaagcattc 100
aacaaaagggt ccccccggaaa atttcnangg ngtccaacac tcagtgcnn 150
cagcccaagcc ncagaaccca anacataagg catgtcatcc acaagctctc 200
ctttggggac aacgctacag gtccagaaca tccncggagc tttcaatgct 250
ctcgaaaaagc cagacagact cacctccaaac cccctggct cccacgacnt 300
acatcctgaa gattgtgccc ncggtttatg aggacaagag tggcaagcag 350
cggtactcct accagttanac ggtggccaaac aaggaatacg tcgcctacag 400
ccacacgggc cgcatcatcc ctgcaatctg gttccgctac gacctcagcc 450
ccatcacggc caagtacaca gagagacctg cggccgc 487

<210> 463
<211> 535
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 59, 66, 82, 227, 440
<223> unknown base

<400> 463
tatcaagggg cgggtttgg atttaatggg gggaaaagggg gggaaaaggc 50
caggaatccna actggngaat ttggtgattt tngggtcact ttccgcatttc 100
cgccccggaa gggctgccag ggtatatttc cttnnnccg atcctgcaac 150
agcctcttta aactgtttaa atgagaatgt cttggctca gagagtacta 200
ctcacctggc tttcacact actcttnntg atcatgttgg tggtgaaact 250
ggatgagaaa gcaccttggg actgggtcct catatttt ccagtctgg 300
tatttgatac tatccttctt gtcctgctga ttgtgaaaat ggctggcg 350
tgtaagtctg gcttgaccc tcgacatggg tcacacaata ttaaaaaaaa 400
agcctggta ctcattgcaa tgttacttaa attagcctn tgcctcgcac 450
tctgtgctaa actggaacag tttactacca tgaatctatc ctatgtctc 500
attcccttat gggcattgtt ggctggagcg gccgc 535

<210> 464
<211> 451
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 57, 59
<223> unknown base

<400> 464
aaaaggccaa tttaagcaa aatataacaa aacgagaagt ggaggatgac 50
ttgggtntna gcatgctgat tgactcccag aacaaccagt atatttgac 100
caagcccaga gattcaacca tcccacgtgc agatcaccac ttataaaagg 150
acattgttac cataggaatg ctgtccttgc cttgtggctg gctatgtaca 200
gccataggat tgcctacaat gttggttat attatgttg gtgtacttct 250
gggacattca gactaaata gtattaagtc tattgtgcaa gtggagacat 300
taggagaatt tggggtgttt tttactctt ttcttgttgg cttagaattt 350
tctccagaaa agctaagaaa ggtgtgaaag atttccttac aaggccgtg 400
ttacatgaca ctgttaatga ttgcatttgg cttgctgtgg ggagcggccg 450

<210> 465
<211> 573
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 33, 79
<223> unknown base

<400> 465
cactggccaa accattatac ggcataactt ggnntacgtgg tctgcctgtt 50
atggaaaaga tatattaaga atccagttnt ggattgcagc tggtaaaaa 100
ttggaaatgc ttgaaaaaagc agtttttat agtgaataacc aaaacatcag 150
caacactgga ctgtcaaccc aaggcttatt gatattgcg gagttgattt 200
ctgcgattaa gaggacgttg gctcgcccttc tcgtgatcat tgtgagcctg 250
ggctatggca ttgtgaagcc tcgttagga acagtcatgc accgggtgat 300
cggaactgggg cttctataact taatcttgc agctgttcaa ggcgtgtga 350
gagtcattgg gggttctaaac catttagctg ttgttcttga tgacattatt 400
ttagcagttt ttgactccat ttttgtgtgg ttcattttta ttagttggc 450
acaaaactatg aagaccctaa ggctaagaaa gaacactgtg aaatttcat 500
tatatagaca tttaaaaaat actctgatct ttgtgtgtgtt ggcttctata 550
gtgttatgg ggtggcggc cgc 573

<210> 466
<211> 506
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 19
<223> unknown base

<400> 466
tggatggtaa cctggcccnt ccagagtccc agggcaatgg gtccattttc 50
agcccaatgt ggtgtacatt accctacgct ccaagcgcag caagccggcc 100
aatatccgtg gcaccgtaa cccaaagcgcgca gaaaaaagca tgcagtggca 150
tcggctgccc cagggcagga ggcttggtc ggaccatccc ttcagccgca 200
ggaagcggca aggaaagctg atgctgttagc acctgggtac gctcaggag 250
caaacctggtaa agtggatggaa gagcgaccct ggaggttgggt gcgggggtccg 300
ggagtgcgag ccggggggccca agacttcctg cagcccagct ccagggagag 350
caacattagg atctacagcg agagcgcggcc ctcctggctg agcaaagatg 400
acatccgaag aatgcgactc ttggcggaca ggcgcgtggc agggctccgg 450

cctgtgtcct ctaggagcg agcccgttt ctgggtgtgg aggggggtgc 500
ggccgc 506

<210> 467
<211> 410
<212> DNA
<213> Homo Sapien

<400> 467
aacctgtgac gtttagtgtgt tcttactagc tttaatttgt atgttagcaat 50
gaatttgtgaa tcttagtgca gtgggtttt ttaaaaaact caaaaagctg 100
ggaatttaagg gtttcagtaa taatgctata ccgaggtgct tgcattgtat 150
ttcataaattt tgttacaaac caaaattttt tttaatgaga acagtcttgg 200
gttcagaggt gtgatgccag aatgtatccc cgtactgtta ggcccttgga 250
acagataccg gtgccttctg aaagatgaaa gaaatgcaat gggtgctctt 300
catgcaaggt tgcaaaccctt ccaagaatgc ataatagtct cactttccc 350
caataaaagag atgcgtgtga ctatgtttgg acttttaacc ttaatgggaa 400
tggcgccgc 410

<210> 468
<211> 395
<212> DNA
<213> Homo Sapien

<400> 468
atggtcctgg gcatccattt acctgctttc tgtccctgtt gattagtttt 50
gcctgttcta gaattttatg tatgtaaagg aatgtatgtt atgtatgtt 100
gtgtttggct tatttttacc agcaagtttt tgagggttcat gttattgtgt 150
gtatcagaag ttagtttcta ttatgtgtc agtagtattt cattctgtga 200
atttaccatg gtctgtttaa tatattcatc tattgtatgtt gaacattttag 250
attacttttcc gtttttgcct attaaaaata aagttatgtt gaatatgtat 300
gtacaagttt gtttttgcct attaaaaata aagttatgtt gaatatgtat 350
tggttcaaaa tttaatttac acatctactc cctgtgttat ttgcc 395

<210> 469
<211> 558
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 53, 122, 235
<223> unknown base

<400> 469
tggctgaaaa tttttgaaaa aaagaatatt ttctttttaa taggttaactt 50

aanatattt attcattgtc gcccagtgt acaagaggaa tcagtaaac 100
tcctgtgtcc aggccagtac cnccaattaa tgcacttgta gctactgaat 150
tccagccaag ataaatataa ttAAATCTAG tgcttcagga aatgagttga 200
tcatcaaggg agttagaatg gaaaaacatt tatgnataat ttAAAGGAC 250
attggactta actgtttgga atgaatgagc ttgattttt ctatacatat 300
tataagttaa tataaaaaaaa ggcttgggt agactccgt a tgaccttatg 350
tatttgattt catgagtttc atttctgca gtaactttat cattcatttt 400
tcatctcta ggctggaatg tagtgaaaaa agaactgaac taggatgt 450
aagatttaag tttggctct ggctccatca catactggca gtgatgtatc 500
tagccaagtt tgaactgctt atggcggtt cttgtttatt catttcagta 550
tttccaac 558

<210> 470
<211> 552
<212> DNA
<213> Homo Sapien

<400> 470
agttaccctc actttaccaa ggactttgtc cggcgttat tagtgctgtt 50
tgggttagcat tcccattgtc cacaaagctc tgtgtgcata aggacttcaa 100
gcagcatggt gcccaggaa aatttattgc ttttacctt ttggggatgt 150
ttattcctta tctttatgca ttgacctcat ctggcagta tttgagatgt 200
ttaccctat cctcggaga agtggttctg aaatcccacc tggatgttg 250
ctggcatcca ttttggctgg ctgtacaatg attctctcgt cctattttat 300
taacttcatc tacttgccca agagcacaaa aaaaaccatg ctaactttaa 350
ctttggatgt tgcaattaca ttcctccttg tttgcagttgg aacatTTTT 400
ccatatagct ccaatcctgc taatccgaag ccaaagagag tgtttcttca 450
gcatatgact agaacattcc atgacttgga aggaaatgca gttaaacggg 500
actctggaat atggatcaat gggtttgatt atactggaaat ttctcacata 550
ac 552

<210> 471
<211> 549
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 25
<223> unknown base

<400> 471
gaggcattgt gaatggttgc agtgnagctt aggtataaca tcatcaagt 50

tgttcacacg cggggtcggg tttaatggag tgtccacgcg gagataactg 100
cgatattgga acacctgtga gagagattgt tctatagggt ggaatattca 150
gagttacatt ctggaaagt tctgtttta ctgcataa acaccctct 200
gttgttctcc atcatcttta atagcaactg gagaccactt tggtcattgg 250
taagggggtg cattctcctc acaaagggtt tttatggact tcctcaggcg 300
gagagcttct gagaacacag gcaggatgga aaaagactac tagccacttt 350
tgctttccca acccccctta atgccatcct tcattgtctt tctggcttct 400
cttcttctgg cacagtagcca ttttgggtct gtgcggcagt gtggagcaaa 450
acattgcctg tcccattctg atatacttca gaatttgaga gcagaagtta 500
atgtggaaca aaagtttca ccatctctca agccccagg actggagcc 549

<210> 472
<211> 510
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 46, 95, 404
<223> unknown base

<400> 472
ataggcgtt ttggagcat tcccattgct cacaaggctt tggtngcat 50
aaggacttca agcagcatgg gcccaagaaa atttattgct tttnccttt 100
tggggatgtt tattccttat ctttatgcat tgtacctcat ctggcagat 150
ttgagatgtt tacccttatac ctggggagaa gtggatctga aatcccacct 200
gatgttgc tggcatccat tttggctggc tgacaatgat tctctcgatcc 250
tattttatta acttcatcttta ctttgccttgc agcacaaaaaaa aaaccatgct 300
aacattttact ttggatgtt caattacatt ctttgccttgc tgcaatggaa 350
catttttcc atatagttcc aatcctgcta atccgaagcc aaagagatgt 400
tttnttcagc atatgacttag aacattccat gacttggaa gaaatgcagt 450
taaacgggac tctgaaatat ggatcaatgg gtttgattat actggaattt 500
ctcacataac 510

<210> 473
<211> 471
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 70
<223> unknown base

<400> 473
gattgcaagg aggattttat atgatagtca tagcttgtct ttaaaaagttt 50
ggtatgtgat aatatcagan cagtaaaagg ctatccaca ttttaaaaact 100
aaatctttat taaataatta tttcacaagt tagtaattat tgatattctt 150
cttcagggac tagagttcct atgcttccta aactgacttt taagggaaaga 200
tgagactata ttcagtgcag ttttaatatg acatattttt ttatctctt 250
ttttttaaat tgatattttt tgaaggagtc tatggactat aatacgaaaa 300
ttctggttgg ggaggcagga aaccctggott tcaagtacac tccaatagct 350
tttatataaa attcaggtgt tcttttctc taatacttga aatagctatt 400
ttcattttca tgcattttc tgtactttc ctgatacttt taaacattgt 450
tttattttca aatgaacagc c 471

<210> 474
<211> 379
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 27, 77, 96, 101, 109, 117, 124, 185
<223> unknown base

<400> 474
ttcccgcaat tttcagaaaa atggantaa aagaaaactat tttgtaaaat 50
aaaaaaagctt ccatttttaa tgaccancat gtattaagat ggaacntact 100
ntacgaaanc gaagttntat ggtntcgaaa agcccgtgcc tgtttaaac 150
ttgatcctaa ctaaaaacag acttgagtgg atatnagaat gttggtagt 200
ggcagaagag tcaaaaaatg gcagttaatt attcagttat ttgctacttg 250
tttttagcg agcctcatgt tttttggga accaatcgat aatcacattg 300
tgagccatat gaagtcatat tcttacagat acctcataaa tagctatgac 350
tttgtgaatg ataccctgtc tcttaagca 379

<210> 475
<211> 446
<212> DNA
<213> Homo Sapien

<400> 475
tttagaaatg gtatggcaga atccagaaaa tgctttattg aagacagtca 50
ttgatcacca gtacacttga tctccagttac agacatatgg tggaacagaa 100
gcctggatac aggactcaga ctcttactgg ttggtatcat acgtgatcgt 150
ttgattcagt tcatctctaa attgcagttt gccgtgactg tgctttgac 200
atcatggaca gagaaaaaaac aacgtcgaaa aacaactgcc actttatgta 250

tactcaacat tgtctttctt ccattcgtgt tggtcatcat agtttttctt 300
acactactctt cttctccctt actcccttctt ttcacccttc ctgtgttctt 350
ggtggggttt ccccgaccta ttcagagttt gccaggagca gcaggcacca 400
cagcctgtgt gtgtgcagat acagtgtact actaccaaattt ggtgcc 446

<210> 476
<211> 451
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 37, 43, 81, 83, 126, 206, 244, 256
<223> unknown base

<400> 476
gggtgctttt tttcaattca ggaacatcaa catttantaac acngtgggt 50
gggatcctta caaatcatcc tgcttttttg nanatcactg gctactaagg 100
caggtgcagc atcaatgatt cactanatgg ttttgatatac agctcgctt 150
gtactactca cttttgtgtg gatgggtact ttgttgacc ctcgtcaatc 200
tctttngaag ccattcagtc ctcaatctcc ttttccttgg gtancgggtt 250
ggtgtnttat gttcctcttt gctgtttca tcaagatagt agagcacatc 300
ttcttctcac agactacaaa tatgtggttc agcacgaggc agtagaggaa 350
agtgcctcga ctgtggagg cttggccaaa tccaaagact ttctctcctt 400
gttgctggag tcgctaaaag aacagttaa taatgccaca cccatcccc 450
c 451

<210> 477
<211> 527
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 7
<223> unknown base

<400> 477
ggccacnctg gccaaataag ggcaaaaagc tttatTTTttt tgaacaggaa 50
aacatgtttt ttaaattcac atgtttgtt tgagactttt gcgaagcaag 100
gcatgaactg ctaggtatta ttaagaatga atgatTTTttt catttaagtt 150
gtttgaaggc atgtatTTTttt aaaaatatct gttacaaatt tataatttca 200
agacaaatttgc aatcttattt tataatactt ttggaaatttca attaataagg 250
ctaaaatttgc aggaatataa ctaatTTTca gccttaagac atttaagttt 300
ggaagtgcctt gctattcaac agaataacaa gaaaacttca gaatgtatca 350

ctctcctgaa aagaagatat taataagccc ttttatttat ggttatagtt 400
ttatttatacg tctaaaattt cctaaagcaa tgctacaacc attgaatttg 450
ccatattttg tatcagtgttgc gttaatttgc tggtgcctca agaaaaagtg 500
cttttctcc atggatgaggc cggccgc 527

<210> 478
<211> 332
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 75
<223> unknown base

<400> 478
cacacacaca cacacacaga aattttgaga gccatttaa tataattgcc 50
tccctagaaa catacctttt agggnatttt tatcactaaa ccacatgtta 100
tttaaatacg gtacatgttt aacataaata catacataaa attcacatgc 150
atacttaaca cttatgttaa atatattcaa tgtatataca tatgtacaca 200
atatatgcattt atatacatgtt gggatgtgg tatgtgtgca tgtgtgtgta 250
tggccagcta cataatttgtt gggactaagg gcaaaatgaa actgtacggc 300
cctcggttcaa aaatttaggtt tggagcggcc gc 332

<210> 479
<211> 569
<212> DNA
<213> Homo Sapien

<400> 479
accaatcaga tgtattnagg gattttggat attctaccag gtgtgtgaa 50
atgtcaaatg gaacaagcgt ttcatcttga ttttggaaact gaattggAAC 100
caagaaaaga aatagtgcata tttgataaggc caactagagg aactactgtta 150
caaaaattta aagaaatggt ctatagtctc tttaaggccaa aattgggtgta 200
ccaaggaaac ctctctgaac tggtaatct catcttgacg gtggctgtatg 250
gagacaaaga tggccaggtt tccttggag aagcaaagtc ggcattggca 300
cttcttcaac tgaatgaatt tcttctcatg gtgatacttc aagataaaga 350
acatacccccc aaattaatgg gattctgtgg tgacctctat gtgatggaaa 400
gtgttgaata tacctctttt tatgaaataa gccttccttg ggtcattgaa 450
ctttttatttc catctgggtt cagaagaagc atggatcagc tgttcacacc 500
atcatggcca agaaaggcca aaatagccat aggacttcta gaatttgtgg 550
aagatgtttt ccatggccc 569

<210> 480

<211> 540
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 41
<223> unknown base

<400> 480
cccgccatga ctcggagact gaggacatgt atgggacgac ntgcatacatg 50
gcccagagtg ccggtcatct gtcaccagtg acagtgggg ggccatgtg 100
aatacccttc actcagggcc aaacgtgccc caaagaggat gttttcagc 150
agaatcattt attctggctt cagaattcaa gtcatttcctc tgatcgagtt 200
aggcaataat ctgggagggg aatgagtgca aaaagatgga tatgtctgtg 250
ttggaaataa gtggcatcat catgagcagg gtcataacct atcagcaagg 300
agtaggttat cagatgctgg gaaatgttgt cactattgga ttagcatttt 350
ttccattctt acatcgactt ttccgtgaga agagccttga ccaactaaag 400
tccatttcag ctgaggagat cttgactctc ttttgggg caccacctgt 450
tacacctatt attgttttgt cgataattaa ttttttggaa agattgtgtc 500
ttacttggat gtttttttc atgatgtgtg tggcgccgc 540

<210> 481
<211> 77
<212> DNA
<213> Homo Sapien

<400> 481
ggccacactg gccaaagagc atatttgate actttgattc tctgttctt 50
tctctccgcg gtgtgtgtgg cggccgc 77

<210> 482
<211> 560
<212> DNA
<213> Homo Sapien

<400> 482
aaagacccag tcatggcaag cctccaagca tcagttcacc atggggaaag 50
catgtgttca aagccattct gatggccta agtggccctt atcctctcc 100
actcagcatt ggcccaagtcc cgtcgagact ttgcaccacc aggccaacag 150
aagagagaag ccccaagtta tgcattgacc cagataggta gatctgtgcg 200
agggacactg gatgcctgga ttgggccaga gaccatgcac ctgggtgtcag 250
agtcttcgtc ccaagtgttgc tggccatct catcagccat ttctgtggcc 300
ttctttgttc tgcattggat cggccacag ctgctgaatg ctttggact 350
agctgggtat tacctcgccc agggcctgaa gtcagccct ggccagggtcc 400

agaccttact gctgtgggga gcagggggcc tggtcgtcta ctggctgctg 450
tctctgtcc tcggcttggt cttggccttg ctggggcgga tcctgtgggg 500
cctgaagctt gtcatcttcc tggccggctt cgtggccctg atgaggtcgg 550
tagcggccgc 560

<210> 483
<211> 581
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 134, 187, 224
<223> unknown base

<400> 483
caaaacgatt ttattgccaa accctgtgca ctccgattgg catcgaggac 50
agtggtcctt atcaggccca acccaatgcc atccttgaaa aggtgttcat 100
atctattacc aagtatcctg ataagaaaag gtgnagggcc tgtcaaagca 150
gctggattgg aatgtccgaa aaatccaatg ctggttngcc atcggaggaa 200
tcaggacaag ccccccaacgc ttantaaatt ctgtgaaagc atgtggagat 250
tcacattta tttatgtata ttctgctatg gaatttagatt tctctggtcg 300
tcaccttggt tctgggacat ccgacagtgc tggcataact atccattca 350
gcctcttca agtgggcttt atcactatta tatcatggaa ttggccttct 400
attggccct tatgtttct cagttacag acattaaaag aaaggacttc 450
ctgatcatgt ttgtgcatca cttggtcacc attgggctta tctccttc 500
ctacatcaac aatatggtc gagtggaac tctgatcatg tgtctacatg 550
atgtctcaga cttcttgctg gggcggccgc c 581

<210> 484
<211> 358
<212> DNA
<213> Homo Sapien

<400> 484
tcttaggtcca ttgtcacctt ttctggcactg acagcctccg ccccacccgca 50
ttccccaggc caagctggtg gccatgcttc agacacgaga cccaccaagg 100
gcctccgcca gaccacggtg cctgccaagg gccaccctga ggcggccgtg 150
ctgtcagtgg gggatggac ccgtgttggg atgggagccc gaacccccag 200
gcctggggcg ggcctcagg accagcaaat ggcccccattc gctgctc 250
aggccccaga agccttcaca ctcaaggaga aggggcacct gctgcccgtg 300
cctgcggcat tcaggaaagc agcttccag aactcgagcc tgtggccta 350
gcggccgc 358

<210> 485
<211> 583
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 32, 61, 95, 100, 110, 190, 205, 228
<223> unknown base

<400> 485
ctggccaaac atatggggga tgaaaataaa anaattacat atgaagattc 50
aaaaccatcc ncaggaatga attacacgccc ctcccaggca tcaanaagcn 100
caggaggagn cagttatgaa gtcaaaggta tagatgc当地 atgaaccaac 150
aaaaggaagt ttttttga aaagcagtaa aaaaaagctn caagaaacac 200
ccaantgaag caaatcacgt acaaagantg agacaaatgc tggcttgccc 250
tccacatggt ttactggaca gggtcataac aaatgttacc atcattgttc 300
ttctgtggc ttagtttgg tcaattactg gcagtgaatg tcttcctgga 350
ggaaacctat ttggaattat aatccatttc tattgtgcc tcattggtgg 400
taaacttttgg gggcttatta agttacctac attgcctcca ctgccttctc 450
ttcttggcat gctgcttgca gggtttctca tcagaaatat cccagtcatac 500
aacgataatg tgcagatcaa gcacaagtgg tcttccttgc tgagaagcat 550
agccctgtct atcattctgg ctcgtgcggc cgc 583

<210> 486
<211> 454
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 58, 152, 315
<223> unknown base

<400> 486
tgcatcgtgg ggtatgtaca atgttacgc atgtgagtgt gtgtaaagt 50
tgtgtatnaa gtgtgtgtgt acatctgtgc agctggtcac cagcatgtac 100
cttcacaagt tagatttgc tggcatatcc acgagctgtc accactgtgc 150
cntggcatt gagtttttgg aggcttggcgtgt gttggcctgt cccagggctc 200
tgccatcgatc agtattggcc ccactcacag atgttcttgc ctgggttggg 250
ccagctcctt ttggacactt ttgagatcca cctcggccc gtctgcgttt 300
gcatgctgc ttttntgtgg ctccctccgg ctactggac tgttcccttc 350
ttgcattggcc ttccggcagca ctccgaggaa ctcagcctcc agggccttc 400
gttgccttg aaaatgcagt tttatccat tatttttatt tatttattt 450

tggg 454

<210> 487
<211> 196
<212> DNA
<213> Homo Sapien

<400> 487
ctcaaaaatta aagtatcaa caggggtcct cagaactgtc tcacttcctc 50
ctgctcccat caatattaaa gcctaaaact caagaatcat tcttagcagt 100
tttttctct ttttctttc ttttctttt tttttttt gagacggagt 150
ctcaacttgtt cgcccaggct ggagtgcagt ggcgacagag tgagac 196

<210> 488
<211> 226
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 124
<223> unknown base

<400> 488
gtgtgtgagt gtgtgtgtgt ttaatgtacc taattctgt aaggattta 50
agtgattttt tcaaagtggc cccaaataaaa taaaaacaat atgcgtgcat 100
gtgtttata aaagtaataa aacnagttat tctgctttt ctagtcttag 150
ttacttactt acatatttat ttggggggtg tgatgttctt tttaaaagga 200
actcctgtga cacctgttac tccggc 226

<210> 489
<211> 398
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 53, 61, 143, 260, 293
<223> unknown base

<400> 489
gcagctgcct attgcacttg tgaaaaaggt ttgtatgtc aacactgctg 50
ggntggctca nagttggag tgaatcctcc aaggataag cttggagaac 100
tttttgaaca gtcaatctgt aaagggtttt gcaatccaa ggncaatgg 150
ctagattatg aaggctctcg ggtggaccca ctgttcctct ctgtttatta 200
agcttttga aggagagaga tgagggcagg acatgtgaca acggtgctt 250
tccttatgcn tatatcgctc tccaaacagca tccttccaa atntatagcg 300
cttcaaaat tccaggacag atcggagaaga gccagtgtcc atagaaacct 350
ggggttgttc agaagaacgg tgttcttgtt gtttgacg gtgcctgt 398

<210> 490
<211> 568
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 52, 63, 87
<223> unknown base

<400> 490
ggttttgtcc ttccgttatga caactacaaa aaagcaagcc agtggggatt 50
cntgtgggc cccntggacct gccaaacatc tccgggngca tgcaaaaagg 100
tctcctactt tcactgcacc ctcatcgat actttgttagg cctgctcact 150
gctactgtgg cgtctcgcat tcaccgggcc gcccagcccg cccttctcta 200
tttggtgcca tttactttat tgccactcct cacgatggcc tatttaaagg 250
gcgacccctcg gcggatgtgg tctgaggcctt tccactccaa gtccagcagc 300
tccccgattcc tggaaagtatg atggatcacg tggaaagtga ccagatggcc 350
gtcatatgtcc ttttctctca actcatggtt tgtttcctct tagagctggc 400
ctggtaactca gaaatgtacc tgtgttaag gaactgccgt gtgactggat 450
ttggcattga aaggggagctc gtttgcagga gagaggtgct ggagccctgt 500
ttggttcctt ctttcctgc ggatgttagag gtggggccccc ttccaagagg 550
gacaggcctc tccccagc 568

<210> 491
<211> 552
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 36, 42, 74, 92, 168, 177, 232
<223> unknown base

<400> 491
aagactccca aggaagttgt tgaactatat ttgganaaaac angccactga 50
atattatcat ttttcctttt aaanagagtt ttgttaagggg gnnaacatgc 100
attttatcc agacaattta tccaaagcat ttcagaacat gaagtgtga 150
tgagggcacc tcttgcgttg agtcccncaa gctatcaagt gttttctca 200
aggacacatt tggaaaggttt taacattgaa antgagcgga ggacttgggg 250
gcagagcagc acaaagaaaac agccttacac tgggcacatg gaggagacgt 300
ccaccctgca gccaggattg gggttcacgt cactgccaga gctacactcg 350
ccttcgtctt ccacggcctt gttaattcta gatcagagag caaaaaaaaa 400
gtacagaaca tatcctctac ggttatttcc tgctttctaa taaaaaaaaat 450

aataaccatg gcaagagaga aagaaagaga aagtacttag aggctgacac 500
tgacattca cttcctcgct ctcctaagtt taattacaac agcacgtgca 550
gc 552

<210> 492
<211> 579
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 36, 147
<223> unknown base

<400> 492
tgcagcattg gcagcaacaa aaatttctag tttggntgtat gattttggag 50
aattcagcct ttttgggaa tattttggtc tagcacctgt tggttggcag 100
gatgactttg cagattttat ggcttcagt aatagctta tttcatntga 150
gcaaaagccg gatgacaaat atgatgccct taaagaggaa gccagtcctg 200
ttcctctaac cagcaacgtg ggcagcacag tgaagggtgg acaaaaactcg 250
actgctgcgt ctaccaagta cgatgtcttc agacaacttt ctctggaagg 300
gtctggacta ggtgttgaag acctgaaaga taacactcct tcagaaaaaa 350
gtgatgatga ttttgctgac ttccactcca gtaaattttc ttccataaac 400
tcggacaaat ccctgggaga gaaagcagtg gcttcagac acaccaaaga 450
agactctgca tcagtgaagt ccttagatct cccttcatt ggtggcagca 500
gtgttggcaa ggaggactct gaagatgcac tctctgttca gtttgacatg 550
aaattggctg atgtgggagg agcggccgc 579

<210> 493
<211> 574
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 23, 89, 166, 192, 339
<223> unknown base

<400> 493
gccttatcca ggttaccctt ccnaaggaa accaggttcc tttaaaaaat 50
taagcagccc gggccgggtg ggctcacgt tgtaatccna gccttgaag 100
cccgaggcgg cggatcacct agaagatgac tcaagaccgg cctctgctt 150
ccgtgcagga ggcgttaaga agtgcttccc cgtggtgag ancagcaggg 200
cctgtgcaga gtgcctgcg ggactgcag ccctcctgt cctccctcag 250
caacctggcg gaacagctgc aggccgcaca gaacctgcgg tttgaggatg 300

tgccggcgct tcgggccttc ccagattaa aagagcggnt gaggcgtaag 350
cagctggtgg ctggtgacat cgtcctggac aagctagggg aaaggctagc 400
catcctcctc aaggtgcgag acatggtcag cagccatgtg gagcgagtgt 450
ttcagatcta tgagcaacac gcagacacag ttggcattga tgctgcctg 500
cagccttcag cagtggccc ctctgtggct gacatgttgg aatggttgct 550
ggatatttag agacggcgcc 574

<210> 494
<211> 545
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 35, 40, 114, 133, 284, 359
<223> unknown base

<400> 494
cagcatgaga catccccca tgcctgggc cattnagatn ttttggagc 50
accagtcact cccaggttt tattttaggg gtcatcgatt ttacctactt 100
tgtcagactg gtanaagttg ctttgcata canaaaaact ccatttttt 150
ccacaaaagg gattacagaa aactctttg tgagttagt attgaaactt 200
agagactcct gttgccagaa tcagactgcc ctagaacaga atggacaatg 250
cagggaggag aattcacaca aacagcacct gtntgaggc ctgtgccagc 300
ccaccaggcc tgctcaaatg tggtcttac ttcaagtgc cagaggcaca 350
tgaggtttnt ggtgataaac cagcgttta ccgctgttt aaagtcccat 400
ccccatggct ttcacaatca gttcgtttt tttgctgta cttgataaaa 450
tgttattct catacaggtc aagtacattt acttctattc acagttagta 500
cccaataaca acaaaagcgc ttacaaattt gggggggggc gccgc 545

<210> 495
<211> 239
<212> DNA
<213> Homo Sapien

<400> 495
tttttaaaa aaaaaaaaaa tctcagtata gttctgatta aaatttcatt 50
tctgagtcct aaatgcttta aatcttctt tcccattctt tttacttctc 100
ctatccatag ttacaagttc ttacgcatga catatcttt ggctgataag 150
tttaactgct taagcacctg tttatgtttc attttaaca tagccagtta 200
ctattatgct tggatataca caatgagggg agcggccgc 239

<210> 496
<211> 402

<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 23, 34, 85, 89, 105, 108, 115
<223> unknown base

<400> 496
tgtggaaaaa acagttatttgc cancggttgc ttanaaaaac ataaaaatgc 50
atccatgggg ctatattttt caggagaaat ctcnacgnnc ctgggagtgc 100
tttanagnca ggggntgctt gcacccctctg tggatgtgtg tgtgtgtgtt 150
tgtgcctagg tgtgtgcgca caggtttgtg tgccctgtgtg tgcatgtgtg 200
tggggtgtgt gtgcacgtgtgtt gtatgcacgt acccgtgtgtgtgtgcacag 250
gtgtgtgtgt gtgtgtgttt gtgtgcctgt gtgtgggggtg tgtgtgcacatg 300
tatgcacgta ccagtgtgtg tgtgcgcagg tgtttgcgtg cacaatatg 350
catctgtgtg tatgtgtgtg tgttcacacg tgtgtgtgtatgcacatg 400
gc 402

<210> 497
<211> 553
<212> DNA
<213> Homo Sapien

<400> 497
cattataatt aactatagtt actatgtgtt atatgtatc acccagaccc 50
atcttataac tgaaagtttg tatcccttga tccaaatccc cacattttc 100
ccagccactg acaaccacca ctttactctg tttctatgag ttcaactgct 150
tttagactcca catgtaaatgtt agatcataca gtattttctt ttctgcactg 200
gcttatttca cttaacataaa catcctctag gttcatctat gtttcagcga 250
atggcagaat ttcttctttt ttaaaggctg aatagtgttc cctcaggat 300
atataccaga tacacataca taaggaaata tgtgtgtgtc tcgggtacat 350
gtacataagg gaataactatt ttactcat tcatgtatgtt gtaccagata 400
catatacata agggaaatata tgtatgttgc tctggatcat atacatgaag 450
gaatgttatt ttactcat tcatctctca gtggacactt aggttgtttt 500
catatcttgg ctattatgaa tagtgctgca ataaatatgg gagtggcggc 550
cgc 553

<210> 498
<211> 576
<212> DNA
<213> Homo Sapien

<220>
<221> unsure

<222> 47, 71, 78, 92, 112

<223> unknown base

<400> 498

ttattggag atatccatgt tttcataaa atcaacaaga gaatccntga 50
ttgttcagaa gaaaacaatt ntgaccgnag aatgctgtta cntgaacccc 100
ttatbtcgaa gnatcataag attcacaggg gtgttgcattt ttggactttt 150
tgctactgac atttttgtaa acgccggaca agtggtcact gggcactaa 200
cgccatactt cctgactgtg tgcaagccaa actacaccag tgcagactgc 250
caagcgcacc accagtttat aaacaatggg aacatttcta ctggggacct 300
ggaagtgata gaaaaggctc ggagatcatt tccctccaaa cacgctgctc 350
tgagcatttta ctccgcctta tatgccacga tgtatattac aagcacaatc 400
aagacgaaga gcagtcgact gccaaagccg gtgtgtgcc tcggaactct 450
ctgcacagcc ttctctgacag gcctcaaccg ggtctctgag tatcggacc 500
actgctcgga cgtgattgct ggttcatcc tggcactgc agtggccctg 550
tttctggaa tgtgtgtggc ggccgc 576

<210> 499

<211> 330

<212> DNA

<213> Homo Sapien

<400> 499

aaaaaaaaaaaa aaaaaaagct aaaaaacctt gactaaatct accatgtttt 50
ctcatattat taaaaattct aaacgtgggt tttttgttt tgttttgttt 100
ttctgtttct ccctctgcag agttgttagc gttctcgag atgccactct 150
tagggtttgg gatattgaga caggccagtg tttacatgtt ttgtatggtc 200
atgttgcagc agtccgctgt gttcaatatg atggcaggag ggttggtagt 250
ggagcatatg attttatggt aaaggtgtgg gatccagaga ctgaaacctg 300
tctacacacg ttgcaggggc aggcggccgc 330

<210> 500

<211> 440

<212> DNA

<213> Homo Sapien

<220>

<221> unsure

<222> 42, 79, 82, 101

<223> unknown base

<400> 500

atcaatggcc acccagcaag accaagttac aaggatcgta tnttggtccg 50
aaggatgaa agtggcccaa gggttccnt tntcggtgaa cgttcagctg 100
ntgcaggacc acggggaaat tgccaagagt aagcatctcc agggggagat 150

gacctaaccttccaaaaga gaaacaggca gcaggttctt aagcagtcaa 200
gatgcggacg agatgttgcgttgtggctctt gaggcacagc agtgacttcg 250
tgcccagagc ctggcagaga ggtcgaggt gtgccagctt ccctgccagt 300
cagggcagcc ttgggtgtgt gtgcaagcat gtgtgcacat attgtgtat 350
gtgcgtgctc ctgtatgtgt gtgcataatgt gtgtatgcct tgcacaggta 400
tgcacaggta tgaatgtgtacgtgggggg gggcggccgc 440

<210> 501
<211> 563
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 31, 48
<223> unknown base

<400> 501
gaatatcctg caggtatctc tccggccac ntccttgctt actgagcntc 50
agccctgatt tgcattatcgatc ggtttgcgttgc ccctcatcat atttaaatgcgg 100
gagctgcaca cggccccccac acagcagtgg gcaccaagta cgggatgccc 150
tccagccatt cccagtttat gtggttcttc tccgtctatt ctttcctttt 200
cctgtattta agaatgcacc aaacaaacaa cgccaggttc ctggacttgc 250
tgtggaggca cgtgctctcc ctggactcc tcgctgtggc cttccatgtc 300
tcctacagca gggtctaccc gctgtaccac acctggagcc aggtgctcta 350
tggaggcattc gctggaggcc tcatggccat cgcctggttc atcttcaccc 400
aggaggtcct caccccgctg ttccccagga tagcagccctg gcctgtctcc 450
gagttcttcc taatccgaga cacaaggctc attcccaacg tactctggtt 500
tgagtacacg gtaaccgggg cagaagccag gaacagacaa cgcaagctgg 550
ggccagcggc cgc 563

<210> 502
<211> 583
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 81, 126
<223> unknown base

<400> 502
ccctgccccaa agttaagttc aagttttctt tttagataat gcctgaaatt 50
gcccagaata gtcagaggat taaaaattt ntttgaccac aaatgcacta 100
aagtttaag taaaggcgtt tcttcnttca ttagcatgtg ttttacacta 150

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acattnata agaagccatt tttagtcttg atcttggcag tgttttcttt 200  
aagacttctg atgttatcaa gtatbtcatt aaatattaaa ttattattaa 250  
ttactgttag tttaaatatc attagggtt tcaatttggc ttcttaaaat 300  
ggactgaact gtggcatcac gtatttgtc tcattcatgt atgaataaaag 350  
cataaatcag tttgttaatg gatgctcata ccactgttta tttttcaaa 400  
tatTTtaaca cactttccaa atgggtggat ttgccttata aatacagttt 450  
tctacttaca catgaggaaa ataataattat ttgcattatg gatgtacact 500  
ttgaaaaaact tttcaatgca attatctgtg tatttcacaa tctctggcac 550  
ttttctcaqa tttaattttq qtqqqqcqqc cqc 583
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<210> 503
<211> 459
<212> DNA
<213> Homo Sapien

<400> 503
aaggcctgtgt aaatggatca accaatccca gtacatttgc ttcaagattc 50
aaacacattc aggtgggggc ttgggacggg atcagcattc atcatgggga 100
agaaaaaccac aggccatcag tggatcatac acagtgctca tcaagaaaaga 150
taacgttact tttaaattgt gggctcaaac tggacagcaa ggtgcacagt 200
ggaagagagc agaagtgttt ttaggcattc gttcacatac acagattgtc 250
ttcagagcca aacgtggtat cagttacata ggagatgtag cagtggatga 300
tatttccttc caagattgct ccccttgct tagcccagag agaaagtgta 350
ctgctcatga attcatgtgt gctaataagc actgcgttgc caaagacaag 400
ctgtgtgatt ttgtgaatga ttgtgctgat aattcagatg agactacttt 450
catttqccq 459

```
<210> 504  
<211> 218  
<212> DNA  
<213> Homo Sapien
```

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<400> 504
aaaaaaaaaa aaaaaaaaaa acctgccaat tttcaaacat accgttagaga 50
ttattttcag gtgccatTTT atagtatAGC agcaggGCTT ttactCTGTG 100
tatgcacaga tgcaGtCTGG ggcATggTTT gtgtGCTGGA ctttCTCATG 150
gccatcatca gtatGCTTAT ggATTGATG acaggcataG cctgggcata 200
tcacctcatt ggtaAAAGG 218
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<210> 505
<211> 562
<212> DNA

<213> Homo Sapien

<220>
<221> unsure
<222> 60, 88
<223> unknown base

<400> 505
tttaagtgc aaaaattatt ttatTTTT cccagtaatt ttaaattgga 50
attccagccn tggcttattt ttgggagacc cagccatnta ccaaagctga 100
aggcacaaat gcttattctc gtcactgtcc ttttatgtc agcattcaga 150
gttactggct gtcattttc atggatgat tttatTTGta gctttcataa 200
cctgttggaa gaagttacta ctTggacag gctatcagga taacttccta 250
tatgaatgaa actctcttat atttccTTt ttcATcccac tccagttata 300
ctgtgagatc taaaaaaaata ttcttatcca agtcattgt ctgtttctc 350
agtacctgg taccatttg actacttcag gtaatcatgg ttttacttaa 400
agttcagatt ccagcatata ttgagatgaa tattccctgg ttatactttg 450
tcaaatgttt ttcattgtc acagtgtatt ggTTtaatgg tcacaagctt 500
aatttaaaag acattggatt acctttggat ccatttgtca actggaagtg 550
ctgcttcatt cc 562

<210> 506
<211> 485
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 49, 77, 124, 166, 225, 259
<223> unknown base

<400> 506
ttttttttg acacgagaca taaaaacttt taatgaagga ggacacagnt 50
cagagccttc cacaatgggg ccaaccntgc cccacggaga ccggccatgg 100
caaccgctca atcagaagggt gtTNTTGTGatg cggccggcca ccagcctaag 150
gatgtccccg atcttnntct gccagttggc gatgtccttg gacacggcg 200
accacagctc cccatgccga ggctntgcac tctcacagcg cttcctcacc 250
tcctcctgnt gtcctcagt gccatgctgc agctcaaact tgtagaagaa 300
ggcccaggca tcccccagggt ccgagtcaat ctTcacagtg cggtggaacc 350
actccctggc cttggtgatc ttccgctgac tccaaaacag cttggccacg 400
gccaggagca catgggggtc atgctcacac ttcttcaggg catccacgct 450
cttggcctc ctctggggcc ttgcctcgag gaaga 485

<210> 507

<211> 503
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 47, 63
<223> unknown base

<400> 507
accctgtttt ttaagcacac ctcaagcggg gcctcgctta ccaatanttg 50
attaaccaca agnaaaaagtg tcaagctcaa gacgtcctcc ttttactgtt 100
tgtaaaaactg tcctgaaaac tatgatcgac gttccggaaat tagaaggacg 150
tggggcaatg aaaattatgt tcggtctcag ctgaatgcca acatcaaaac 200
tctgtttgcc tttaggaactc ctaatccact ggagggagaa gaactacaaa 250
gaaaaactggc ttgggaagat caaaggtaca atgatataat tcagcaagac 300
tttgttgatt ctttctacaa tcttactctg aaattactta tgcatgttcag 350
ttgggcaaat acctattgtc cacatgccaa atttcttatg actgctgatg 400
atgacatatt tattcacatg ccaaattctga ttgagttacact tcaaagttt 450
gaacaaatttgc gtgttcaaga cttttggatt ggtcggttc atcggttgc 500
ccc 503

<210> 508
<211> 564
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 73, 80, 145, 342
<223> unknown base

<400> 508
tcgacccacg gggtcggta aagttgatgg tctgccttgtt acatctcaac 50
cattcttgc aa ccacttaatc ctnttttgn caacactagt agaacagaat 100
cctgaagata tggagaccta taccttagatg ttgctgaagc tttttggat 150
gttggtaat ataattctgc acttccccctc ctcagtgctc tttgtttgct 200
ctgaaagata caacatttgc a tagtttggc ttcgtcatgc agaatgttt 250
aaggccttag gctatatgga gcgagctgct gaaagctatg gcaagggtgg 300
tgcgtggcc ccactccatt tggatgcaag gatttcactt tntacccttc 350
agcagcagct gggccagcct gagaaagctc tgaaagctct ggaaccaatg 400
tatgatccag atactttgc acaggatgca aatgctgcac agcaggaact 450
gaagtttatttgc cttcatcggtt ctactctgtt gttttcacaa ggcaaaatgt 500
atggttatgtt ggataacctt a cttactatgt tagccatgtt tttaaaggta 550

gcaatgaatc gagc 564

<210> 509
<211> 525
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 49, 54, 110, 162, 221, 263, 275, 292
<223> unknown base

<400> 509
acagtatgg tattcatgct ccaaagaaaa ggagatttag cttaaatna 50
aatntctcac aagtttaggtg atccaggtt tgtggtctt gcaaccctg 100
tggtcattgn gcccttgata ttaatctcg ggggggtcct cgccatggac 150
agacaaacat tnttgtaaca taacaatctg ctctgtaatc ggggcgttt 200
cagtctcctg tgtgaaggcc ntgggcattt ctatcaagga gctgtttgca 250
ggaaagcctg tgntgcggca tcccngtgg ttgattctgtt gntgagcctc 300
atcgctgtg tgagcacaca gattaattac ctaaataggg ccctggatat 350
attcaacact tccattgtga ctccaatata ttatgtattc tttacaacat 400
cagtttaac ttgttcagct attctttta aggagtggca agatatgcct 450
gttgacgatg tcattggta tttgagtgcc ttctttacaa tcattgtggg 500
gatattcttgc ttgcattgcct ttaaa 525

<210> 510
<211> 565
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 46, 79, 104
<223> unknown base

<400> 510
ttgctttaa agctaacagg ggtgcaagct tccattttgg atctanttt 50
aaatacactc agacaggaga aatttggant aattttcaaa ctacagacac 100
tttnaatca tgatgcattt caaaagtggc ctcgaattaa cttgagttgc 150
aaaacatgac agtgccccgag gatgataaca ttagcaatga ctccaatgat 200
ttcacccgaag tagaaaaatgg tcagataat agcaagttt tttctgatcg 250
tgaaagtaga agaagtctca caaacagcca tttggaaaaa aagaagtgtg 300
atgagtatat tccaggtcca acctccttag gcatgtctgt ttttaaccta 350
agcaacgcca ttatggcag tgggattttg ggactcgcc ttgcctggc 400
aaacactgga atcctacttt ttctggtact ttgacttca gtgacattgc 450

tgtctatata ttcaataaaac ctccatttga tctgttcaaa agaaacaggc 500
tgcatggtgt atgaaaagct gggggAACAA gtctttggca ccacaggaa 550
gttcgttaatc tttgg 565

<210> 511
<211> 558
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 83, 114
<223> unknown base

<400> 511
agtgggcTTT aacttcgtga gtttcgttt aaactgccct tgaaatgaag 50
tggacttggaa ggggcatggaa atattcacat ggnagagccg catgaggccg 100
cccaccacgc ttcntgaagg atgcccgtgg gaagaatttt gacgtgccag 150
tgtcctcgTT ctacagggtg ttccattctt ccgcaatctc agaaaaatgg 200
gactaaaaga aacttatttt gtAAAATAAG aagacttcca tttttatga 250
ccaacatgtA ttaagatggaa cacctactct acgaaacacg aagttctatg 300
gtctcgaaga agcccgTGC TGTTGAAAC tgatcctaAC taAAAACAGA 350
cttgagtggaa tatgagaatg ttggtagtg gcagaagagt caaaaaatgg 400
cagttAatta ttcaGTTATT tgctacttGT ttttagcga gctcatgtt 450
tttttggaa ccaatcgata atcacattgt gagccatATG aagtcatatt 500
cttacagata cctcataaaat agctatgact ttgtGAATGA taccctgtct 550
cttaagca 558

<210> 512
<211> 544
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 25, 53, 63, 78, 111, 150
<223> unknown base

<400> 512
tccggAACAA ttataataaa gccanCTTA acccattgag agcataagga 50
tgntgcaaAG gcncagtGCT ggatGGANAG gacagtgcct gggcagtca 100
tggaAGACTT ntttaggagg tgactttta aggggttttG tgatcaaaan 150
tatggagtct taagtccAAC cagtggTTat gaattccggT tctGCCACTT 200
gctataataAG ctgtatcACC atgagcGATA acttaACCTC tttgtgcCTC 250
agtttcttca tatataaaat ggggatcatg atagctctgt cccaggggag 300

ttaggaggat taaatcaac agtaatccaa cccacagtat gaaaagacag 350
gctagcacat acaacacaat ctataaatgt ttgctattat tgtcatcctt 400
tttattagta tatcatggta caagttgct gggtagaaag atggcgatgg 450
ggaagggac atttcaggcc aatgtgataa taaaatcaac agacaaaaga 500
agggagagtg tggtgagtag gataaagctc tgtacagatg caag 544

<210> 513
<211> 118
<212> DNA
<213> Homo Sapien

<400> 513
attnaactt ccccttaaa aggaattggc tatagaactg ctttgtaaag 50
atgcttcttg atatttact tttgttcctt ttccctaatac attccctttt 100
ttccccactc ctccagaa 118

<210> 514
<211> 557
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 34, 56, 60, 82, 85, 115, 122, 152, 185, 187
<223> unknown base

<400> 514
tcccgtggg gacttggat cccagacgtt aaantaggag ccggaaagag 50
ggaggnnttn ttcttgctg gaagttgcct gngtnnttgt accaccccag 100
ccccccacc gtggngggac cntcggcagt gacggccac agtgcacagt 150
gntcccaagaa cccagaggaa aagcatcact gttcnntngtt gacagctccc 200
agtcacacaa tccccacgtg tcctgtcatt tcctaaacaa ggtttcatca 250
ccagattnag acccacctgc tttctctct tttctgctc ttccagagat 300
tttttttagtg ttttcatttc actggttacc acttctatca tgtttctggc 350
cctttcttta ttctccttag cctcatgttc tgtggtatcc agttctgact 400
tgacagacat gagcttttc tcagcttct cttcatctt ctccagttgg 450
tctctggatt tgtttagatc ttcaatggct ttagtctgtt ccaaagtttt 500
aatcttcagt tcattggtgt cggccagttt ggcttgagc tcgggttgca 550
agtctcg 557

<210> 515
<211> 348
<212> DNA
<213> Homo Sapien

<220>

<221> unsure
<222> 37, 72, 182
<223> unknown base

<400> 515
tcagcttc tatggaaaca actttgagga tgagccnct ttattaaaaa 50
agtttaggtat caatttgac cncatctggc aaaaaacact aacagtatta 100
catccgttaa aagtagcaga tggcagcatac atgaatgaaa ctgatttggc 150
aggtccaatg gtttttgcc ttgctttgg anccacattg ctactggctg 200
gcaaaatcca gtttggctat gtatacggga tcagtcaat tggatgtcta 250
ggaatgtttt gtttattaaa cttaatgagt atgacaggtg tttcatttgg 300
ttgtgtggca agtgtccttg gatattgtct tctgccatg gcggccgc 348

<210> 516
<211> 428
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 86, 307
<223> unknown base

<400> 516
ttcatggag gacatggaga tcatggaaag catatctatg actataacct 50
aaagctgaag ccgtgtgatg gcccagtctt gattantgag ccagcgctga 100
acccactggc caaccggcaa cagatcacgg aaatgtttt tgagcatctg 150
ggtgttcctg ccttctataat gtccatccag gctgtgctgg ctctctttgc 200
tgctggcttc actactggcc ttgtgctgaa ttcaggtgct ggggttaccc 250
agagtgtgcc catcttgag ggttactgtc tgcctcatgg tgtgcagcaa 300
ctggatntgg caggccttga cctcaccaac tacctcatgg tgctaattgaa 350
gaaccatggat atcatgttgc tcagtgcctt agacagaaag attgttgaag 400
acatcaagga gagctttgt tatgtggc 428

<210> 517
<211> 393
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 155, 159, 191, 255, 297
<223> unknown base

<400> 517
atatgtgaaa tattggcagt cgaacatgaa caacggtcaa gatgttccag 50
gcacataaga ggcgattaga gaggccaggt ttatacacaatataccattt 100
tctgttagtcc ctattgtcat ggttaaattttt ttctctaagt gtattctggc 150

tgcanagang catgggctct gtcagttct gggaaacttt ntgcacccta 200
taaacacaat attttcttt gtttcacac attcaccatt ttgctggcac 250
cttntgaag tagtgttgc ccggtatcag ctttgcaat atgttanaga 300
tgtactgtct gccgcatttt gcactggttt tctctttca tttatgatta 350
ataatgtgta tacgttattc ctttttatta tctactgtgt aag 393

<210> 518
<211> 245
<212> DNA
<213> Homo Sapien

<400> 518
ccccccgcac cgattttca aaaaataatt tttctaattt agatatgtgt 50
atatgttta acatcttca gaaacataaa attgaatgaa aagagtaatt 100
tgcagaaaca catgcaatat aatttattgt gcattttaa acacacaaag 150
caggactaca ttagtgcgtgt gtatatatat atatattaa 200
acacacagac aggccggca tgatggctca cgcctgtaat cccag 245

<210> 519
<211> 585
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 48, 54, 66, 128
<223> unknown base

<400> 519
gaccactggc ccacccgcca aggattgcct agatgataat ttacaagnac 50
cacnacttta gattncctt attgatgtta agataccaaa ccaagtaagt 100
attaaaaatca gccaaacctt ggacatntg ggaatataata atcatttgat 150
aatgcataag aataggaaaaa aattgaatgt gtttatgact aaagttttat 200
atttgtggta atgttaaaat gtattattaa atatgttaaa attatttcat 250
ttttttcccc tttgagaggt aaagctaatt acttctcccc ttgaatatgg 300
gctagactta tgagcacatt tctaataac agagaaagtg gatgtggatg 350
tgacaatgtg tatgttgaa gactagacaa tatcagagat gaacatgatg 400
gtgaaagaaa ataaaaagaag aaagctagtt aataaaaggc accattgttt 450
cctcctcttc ctccctctcc acctctttaa ctctctctcc ctctctctga 500
tcaacagctc tagcaaaggc cagatgctat gcggtgcgga ctttcaggca 550
gctttgcagg gagatacatg tggcaaggaa ctgac 585

<210> 520
<211> 474

<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 68-69, 214
<223> unknown base

<400> 520
tggctttag ccccatccaa ataacagcgg ggaggagcgg agcctgtgg 50
acgcaaccca ttacccnnnt gatgagagaa aacttttata catgaccagg 100
gatgactaca aaccatctga tggcctgctg gtgactgtga acggcaaccc 150
cgtggattac cacaccatcc acccaaggct gcccatggag aacggccctg 200
gcaaagccga cctntactcc acccctcagt accgggtggga gccctctgat 250
gaatcctcag aaaagcgaga ggaggaagag gaagagaaag aagaatttga 300
agaagaaagg agccgtgagg aaaaaagaag tatcaaagtt catgccatgg 350
tctccgtatt ccaattttt atgaaacaaa gttacatctg tgccctcata 400
gctatgatgg cctggagcat cacctatcac agctggctga ctttcgtgct 450
gctgatctgg tcgtgcactc tttg 474

<210> 521
<211> 626
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 63, 116, 126, 148, 180, 193, 213, 222, 262
<223> unknown base

<400> 521
gaattttttc gaaaagctaa tgccccattt tggatgtcat ttaccattca 50
ccttttaata ttngggggca ttttggatc aaattatcct gatgttttc 100
aacaagact tgaganaaaaa taagggncat tactttttt ggacattttt 150
cttttagacc tattgtgagg ttttgcccn ccattagaaa ttnccccaaa 200
tggttgaaaa ttnttaaaca gnagaaggaa gagactcaaa gttagcatca 250
caaagagaaa cncgatgctg gaaagggaga ttgcattctc aatccggat 300
aatttcatgc agcagaaggc tttcaagtac atgtcagtgat ttcaggcttt 350
tctcggttct gttccacaat taattttgca gatgtatatac agtctcacta 400
tacgagaatg gccttgaat agagcattgc tgatgacatt ttccctgtta 450
tcagttactt atggggccat tcgctgcaat atactggcca tccagatcag 500
caatgatgat actaccatta agctaccgcc gatagaattc ttctgtgtcg 550
tcatgtggcg tttttggag gttatctcac gtgttagtgac tctggcattg 600

tcctccacct cttaactct ctctccctct ctctgatcaa cagctctagc 450
aaaaggccagc tgctatgcgg tgcggacttt cagggagctt tgcagggaga 500
tac 503

<210> 524
<211> 447
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 39, 43, 96, 344, 418
<223> unknown base

<400> 524
gagggttagga tccgcaagcc ctttcgcga agcccgagng agnccgggc 50
gacaggcagg cagagaatat gttattccca tcctttggcc cacaanattt 100
atggcagaga tggtgattt ctttattctc ttctttataa aagcaaccat 150
tgtcttaagc attatgcacc tcagtggat aaaggatatc tctaagttt 200
ctatgcatta tataatagaa gaaatagatg aagcacatc aatggaagac 250
ttgcagaaaa tggatgggtt ggcacttata tacagattat tagttgttt 300
ctatgagata atttgcattt ggggagcagg tggagctacc ccanggaagt 350
tcctgctgg gcttcgagtt gtgacatgtg atacatcgt gcttattgca 400
ccaagtcggg ttttagtnat tccttcctca aatgttagca ttacaac 447

<210> 525
<211> 539
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 105
<223> unknown base

<400> 525
caagataaaaa tatatggggg aagatgtaga aatgtgacag tttggcaaaa 50
acaaaggttct cccaaagattt cagcacgttt gcagcggaaa ttcagggaaac 100
catcncagca ctcagagagc agataaacaa gctggaggca cgccctgaggc 150
aggcagggtg tacagatgtt agaggggttc caaggaaggc cgaggagcgc 200
tggatgaaag aagactgcac tcactgcatt tgtgagagtg gccaggtcac 250
ctgtgtggtg gagatttgc ccccggtcc ctgtcccagt cctgaattgg 300
tggaaaggaac ctgctgtcca gtttgcagag accgaggaat gccaagtgtat 350
tccccagaga agcgctaata aaagtttgc gctgttgagc cccaaatggg 400
aaatttctca ggaagagaca tttaggactt cagaactttt aacttgcgtt 450

cacattgttg atatggaaac cactgactta agcaacttag ttcatctaat 500
cttacatata cttacgatct tttatTTTT cattttcta 539

<210> 526
<211> 456
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 21, 109
<223> unknown base

<400> 526
gaagtgagga gaaagtttat ntTTTcata taatttaagg gtcgtttctg 50
tgaaccattg cttcatgtct tttcacttt ttcaattgt ctcatTTcc 100
tcaaaaatana ggcactgttt atgtattaca gagattaggc ctTTGTCATT 150
agtCTTTCC TGTGAACGAG ATCACATAGA TTATTTGTTT CTTTCTGGC 200
ttttgaattt cagccatcat tttaaaaaat acttccccat ggTTTTGTC 250
cagttcttt gtaacttctt gttctccatt tcaatattgg atgtttggct 300
tttGTTcCTT TGCgtgtttg gtatgcgata tggatcccc ttagtctttt 350
tgtctagcat caatatattt attttatac tgtcTTTcag attgatgatg 400
atttccagag ttcttggggc tttaatgcct gttgcgttta cagactctca 450
tccggg 456

<210> 527
<211> 500
<212> DNA
<213> Homo Sapien

<400> 527
cttGtGTTT CTTcccTCC Ctaaatttga agaactatgg agaaaaatgg 50
acttGatgac agtagtggtt ttaataggac taacagtacg atggcagtgt 100
ctcttaattc ttattcaggt gctggtaacc cgcctatgtt tggtgattat 150
gaagctcaga gacactggca agaaataact tttaatttac cggtaaaaca 200
atggtatTTT aacagcagtg ataacaattt acagtattgg ggattggatt 250
acccacctct tacagcttat catagtctcc tatgtgcata tgtggcaaag 300
tttataaaatc cagactggat tgctctccat acatcacgtg gatatgagag 350
tcaggcacat aagctttca tgcgtacaac agttttaaatt gctgatctgc 400
tgatttacat acctgcagtg gttttgtact gttgtgcTTT aaaagaaaatc 450
tcaactaaga aaaagattgc taatgcatta tgcatttgc tgtatccagg 500

<210> 528
<211> 512
<212> DNA

<213> Homo Sapien

<400> 528
ccagaatgaa aaaaaaaaaagt cttgttggat aatagtgtt gactagcggt 50
ttaagaacctt gagagtaaaa gcaccaataa gatttttca cttnnnctg 100
cttccacccc caaaactgaga acatccactc aattgtttgg aagaaactgt 150
aggctatat aaattttatt tataatgtat gtgtaatata cataatcata 200
atacagttct cagatgcagg gaagaagttt ggcatttaat cattgaggct 250
ttaggaaaaat gatgtgatca gactggggca tgtcaaaccg ggaattttca 300
ccaacagttc actcaccctc ctggcacatt gccattccaa ggaattctga 350
gagtaggcaa acaaattttg cttcatggt acagttctca gttttctta 400
taggagaaat atggtatatg ttataagaa tcttttatga gattatagat 450
ttcaatgctg tggatagtgt cttgcacccca aacaagaaag tccataatgg 500
aatgatcttc cc 512

<210> 529

<211> 479

<212> DNA

<213> Homo Sapien

<220>

<221> unsure

<222> 82, 196

<223> unknown base

<400> 529
tccaagtcct tgaacatctt tggttttttt ggagtgtcca aaccatgtt 50
cagaaacggc acatggaata ctcatgtaat gnaggaaaag tctatatctg 100
cagctggacc cagccataacc aggagtgatt ttggaaatcc ataccgttt 150
gggattgatc cgatttggaa cttggcttca aacaaactca cattntgaa 200
ctcgtataaa atgaagatgt cggtgatcct gggattgtc cagatggttt 250
ttggtgtcat cctcagcctt ttcaatcaca tatacttcag aagaactctc 300
aacatcattc tgcaatttat ccctgagatg atttttatcc tgtgtctgtt 350
tggatacctg gttttcatga tcattttcaa atggtgctgc tttgacgtcc 400
acgtatctca gcacgcccccc agcatcctca tccacttcat caacatgttt 450
ctgtttaact acagtgactc ttccaaacgc 479

<210> 530

<211> 513

<212> DNA

<213> Homo Sapien

<220>

<221> unsure

<222> 56, 68, 72, 83, 149

<223> unknown base

<400> 530
gccttagtt tccagctact tggaaggta aggtaaaagg atcccttgg 50
gcccgnaggt tgaggctnca gnagtgaga tcncaccatt gcattccatt 100
ttgggtgaca caagcgagag ctatctcaaa accaaaaaagc aagccaaanc 150
ccaccaggac caaaaaggtg acttcaggg ctgccccagc taggaacact 200
ccagaaagca gacaaggaaa accgagtgtg aagagtccct ttggagattg 250
tcatgccat gtgacattcc ttggcctga actcagtcac atgtccctt 300
cgagatgcag gggggacctg ggaaatgtag tttctggctg ggcagctgct 350
ttccagcaat agcactctac tgcagaagag gagcaggagt ctgtggtgca 400
aagccagcca ggcctgccac agatactgca ccatttacaa aaatgctttt 450
acactcattt catttgcattc tcatacacaat ctataccatc agctatactg 500
tcctcatttt tca 513

<210> 531
<211> 513
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 35, 53, 454, 461, 482
<223> unknown base

<400> 531
gaatggagga aattgcttc acttcaagac tttcnnttt tcactaaaac 50
ttntaaaggt gtacaagggg aggaaagggg ggcaaagtcc ttgaacattt 100
tctttggctc ggccatgtta tgatcatata cctttaaat aagggaaat 150
agtatctta aagttaatgt ctagccaaga gtttagtaa cgaagaatta 200
aactgcactg ttgatcggtg ctttgtaa atacatctt aacatttggg 250
tggagagggg ccttaagaag gacagttcat tgttagaaag caattctgta 300
catgagttt agcattctt ttgcattgtc tctgcagatt ctattttgt 350
ttacaatatt aaaatgtatg ttagcaaaat gggtgattt tcaaataaaa 400
tgcagcttcc acaaaagttt tgttatggta ttctggtctg agatgcattt 450
tcantttcc nttctctttt tattatcaat antgtcattt ttccctaata 500
aaatataaccc agg 513

<210> 532
<211> 484
<212> DNA
<213> Homo Sapien

<220>

<221> unsure
<222> 35
<223> unknown base

<400> 532
gctgtcctga gcagttgcag aagcatcgag ggtgnagagg agcacatact 50
gtccatggag tggtgtcaa ggtggacagg gggcggtgg tcatggcgca 100
gttgacatt gaataccagc gcctagaggc ctcctatagt gattcacccc 150
caggggagga ggacctgttgcgtc acgaggggag caagtcaccc 200
tggcaccata ttgaaaaccc tggccttc ttctctcgag tttataatct 250
gcaccagaag aatggcttca catgtatgct catcgaaaaatgc 300
tcatgcagtt cctctttgttgcgtc acgtttccctt ggtcagctgc 350
gtggactatg acatcctatt tgccaacaag atggtaacc acagtcttca 400
ccctactgaa cccgtcaagg tcactctgcc agacgcctt ttgcctgctc 450
aagtctgttag tgccaggatt cagaaaaatg gctc 484

<210> 533
<211> 558
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 93
<223> unknown base

<400> 533
gggtaagtat attcagtgcgaa ggtaaagact gaatgaatgg gtaccatcaa 50
atggttaaa tgaagatggg ttttggctca ggaacacaaa gtnttatttt 100
atcctgtgcc aaacactcca gtttgcaat gagattgtga ggaaggagaa 150
ggcaaggatt ctgttccaaat gtttggccc agaggaccta gaatagtact 200
ttgaccgggt aagcgctttaaaaataatg cttactcttgcgtc 250
tgcagaaaaca ttttagtccc tagacaatat gtgtagaatg taaaaaatgc 300
aaatcttact aaaagaatat acagggaaaag ttctccctac tccttcgtca 350
aagggagcca gtgttattag ctgcgtcatgg agattgtctg tgctcatgca 400
agcatctccc tgcgtatgtatg tcctttgttgcgtcaaa gaatagcatc 450
ctacacacac ctttttagcccc ctgcgttttc gttttgtgtt attttgcaga 500
ttgggtcatt ttgtgcacac agtgcattt tattttttt tttgtttgtt 550
tccccctg 558

<210> 534
<211> 462
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 55, 91, 156, 193, 215, 281, 395, 399, 444
<223> unknown base

<400> 534
atcatagtg tttcaaactc cccgtgtaaa agttccaaa atccatgtc 50
acagntgagt ctgggtttt ttgattggtt tgtctttga ntagtgtta 100
ttttttgttt cattatgtgt ctcataattt ttgggtgaaa gctaaagcct 150
tcttgngaaag gctagtggag acttgggtaa acactattt tgngcaaaaa 200
tggacatgcc tttntttaa ggaggaggca ttgagacaac tctgtcaggt 250
tttgggttta gtatggttac tctaaaaag nacataattc aaattcttcc 300
agtattattt ttttgcttag tggctggttt gttggagagt ttttctcagt 350
gtctgttcaa atcacagtta ttggctttt ctttgcct acgtntaana 400
gaggatatct ttctgtgctt ttaccctcac tcttccagca gtanactgct 450
gttacttgtt cc 462

<210> 535
<211> 511
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 94, 110, 156
<223> unknown base

<400> 535
ctgcccattt ttttgctttt acctggcaag tgttaaaaaa aggccctaaa 50
gaaaaggggt ttgtgttgct agttaagcta gcttgtattt tggnggcttc 100
cttcgtttt tgctggctgc cattcttac agaaaggac caaccctgc 150
aggtnntaag aagactcttc ccgggtgatc gtggatttt tgaggataaa 200
gtagccaata ttgggtgcag cttcaatgtc tttctgaaga ttaaggat 250
tttgccacgt cacatccaat taataatgag cttttgtttt acgttttga 300
gcctgcttcc tgcatgcata aaattaatac ttcagccctc ttccaaagga 350
ttcaaaattt aactggtag ctgtgcgtca tcattttttt tattttttt 400
ccaagtacat gaaaaatcca ttctcttggt gtcactacca gtctgcttag 450
tttaagtga aattccctttt atgtctactt gtttttact tttgtcaaca 500
tttagtatgc t 511

<210> 536
<211> 511
<212> DNA
<213> Homo Sapien

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<400> 536
ggtttgttc cccatctgcc atattataag tttttgagg catccccago 50
catgctgaac tggaaagtggc actaaggtcc aaaggaagct acatatgggt 100
ggtcctgtt acaccagcct cccaagcctc ccagtgcacc ttcttaggaga 150
caagcaagga aggccgctgc ttgttgtca tcctgctcat ggccgtgtac 200
tggtgacagg agggccctgcc gctctcagtg acggcgctgc tgcccatcgt 250
cctcttcccc ttcatgggca tcttgcctc caacaaggta tgccccagt 300
acttcctcga caccaacttc ctttcctca gtgggctgat catggccago 350
gccattgagg agtggAACCT gcaccggcga atcgccctca agatcctgat 400
gcttgttgg a gtcagccgg ccaggctcat cctggggatg atggtgacca 450
cctcggtttt gtcacatgtgg ctgagcaaca ccgcctccac tgccatgatg 500
cttcccattt c 511

<210> 537
<211> 441
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 51, 70, 105, 134
<223> unknown base

<400> 537
ttggcataat ttaagtgata taaaaaatga aatttttat gcagtgtgg 50
ngaggggcaa aaaaaatan atttgaacac ccagattta gtttggctc 100
tgtgntgca gctagttaca tggcatccag gacnaaagt tggaaaacaa 150
aataatggaa ctaaatagta ctaaccaaag tatagggtgc tttatgattt 200
acagaactct cttacaggca gtatgtgtt caggcgccac tagaacccac 250
gtaatggcag aggcttcctg ttccatgttt aaaaacctt ccaaggctt 300
tcattatttt ctatctgtg gtaccctag cttcctgtgc tctagacaca 350
ctggcctacc ttcaacttcc ttgaccagtg tagcttacag tgtaagctt 400
ccccacaccc ccacccctg caataaaata gtagcatcgg c 441

<210> 538
<211> 497
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 56, 76, 126, 175
<223> unknown base

<400> 538

ggtaatggc aattaaaatt tttcgggtc tggattttaa aaatttat 50
taaggnattg aagtcctt tctccnttag gtttaacagt gaattcacat 100
gagtaatttt taaaagatac cagatncatt ttgctattca aagaaaatta 150
tgatttaaag ccactttta aaatncgaga aggaaaatag gatggattaa 200
agggttaact tttaaagatt attattggtt aatgttgaca tatttcctct 250
atctcataga tggtaaaagt gttgcttta aaaactggca aatgcactct 300
tcagaaatcc ttttctatct gatccacatg gagaggttaa aggttcaatt 350
tcatgacctc tatgcaggca gcgcctctcat tggatgttaa aatattacct 400
gcaaggatag aatgcagttg tgcaacagag acacattctt atttcacttt 450
tttcacaatt ttgtttgtt tttaatgacc cttttattga atattgg 497

<210> 539
<211> 362
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 42, 106, 132, 134, 184, 199, 208, 240, 250, 253, 256, 268, 307,
318, 355
<223> unknown base

<400> 539
aaagggtccg gtccccggcc gaaaccactt ttgatcttcc ntctttggg 50
ctcaaaaaat gtacaggtt tccagggcag cttggatt gggccacttc 100
ctttangatc ctggttcttc ccgttgtctt tnanacggag aagttgcaaa 150
tggagcaaca gcagcaattt cagcagcggc aganactttt aggcctaana 200
caggctntc aggaggaatg ccaggggctt taccctcacn tcctggaaan 250
atntanattt ttattgcngt ttgagctgtc tcagtggat aagttgaaa 300
ttcaangngtt tgaactgntg aaaattggaa tttttttttt aactttggca 350
gcaangggtt cg 362

<210> 540
<211> 441
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 42, 44, 47, 67, 341
<223> unknown base

<400> 540
ggtttgcttt ggggtgttt ttgaaatatt ttgtgactgc gncntcntag 50
ggtcactggc attttgnntt gctataaatt ataaacagat ggaactttac 100
cacgccttgc catttttttt cttttactt ggcaagtgtt taaaaaaagg 150

cctcaaagga aaggggttt tggcttagt taagcttagt tgtattgtt 200
tggcttcctt cggtctctgc tggctgccat tctttacaga aagggAACAA 250
accctgcagg ttctaagaag actctccccg gttgatcgtg gattatttga 300
ggataaaagta gccaatattt ggtcagctt caatgtctt ntgaagatta 350
aggatatttt gccacgtcac atccaaattaa taatgagctt ttgttttacg 400
tttttgagcc tgcttcctgc atgcataaaaa ttaataacttc a 441

<210> 541
<211> 180
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 45, 53, 55, 95
<223> unknown base

<400> 541
ccttccactt atgtggccc acaccacccg cctccctgc caggntttat 50
ttngngtgtg tgtgagtgtg ttctgtttt tgtttgttt tttgntgttg 100
tttcagttg tttggtttc tttctttcc cccctccggc cccatacttc 150
acagcactct ggtgcgggaa gaagcagaag 180

<210> 542
<211> 318
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 57
<223> unknown base

<400> 542
tctagttgc ctaagtagaa tttacatggg aatgcactct attctggata 50
ttattgntgg attcctataat accatttaa tcttagctgt cttctatcca 100
tttgtggacc tgattgacaa cttcaaccaa actcacaaat atgctccatt 150
catcatcatc gggcttcatt tagcttggg gatctttct ttcactctt 200
acacctggag cacatcccga ggagacacag ccgagatact aggaagtgg 250
gctggaattt catgtggatc tcatgttact tataacatgg gtcttagtatt 300
agatccttct ctagatac 318

<210> 543
<211> 396
<212> DNA
<213> Homo Sapien

<400> 543
agaacccccc ggtgaagttt tccgccaata acctaagggg gcttttcca 50

ggactcaac ccgagtaaat tcctcatcta tgcgtgtctg ctgcttgttt 100
tctgtgtgc tggcccttcg tttggatggc atcatacagt ggagttactg 150
ggctgtcttt gtcataat ggctgtggaa gttaatggc attgttggag 200
cctcagttgg aactggagtc tggcacgaa atcctcaata tcgagcagaa 250
ggagaaacgt gtgtggagtt taaagccatg ttgattgcag tggcatcca 300
cttgctcttg ttgatgtttt aagttctggt ctgtgacaga atcgagagag 350
gaagccattt ctggctcctg gtcttcatgc cgctgttctt tgtttc 396

<210> 544
<211> 351
<212> DNA
<213> Homo Sapien

<400> 544
ttaatgtcta agccaagagt ttagtaaaca aagaattaaa ctgcactgtt 50
gatcggtgct ttgtgtaaat acatctttaa catttgggtg gagaggggcc 100
ttaagaagga cagttcattt taggaaagca attctgtaca tgagtttaag 150
cattcttgc ttgtgtttt gcattgtctc tgcagattct atttttgttt acaatattaa 200
aatgtatgtt agcaaaatgg gtggattttc aaataaaaatg cagcttccac 250
aaaagttttt ttatggattt ctggctctgag atgcattttc attttcctt 300
tctctttta ttatcaatat tgtcattttt ccctaataaa atataccag 350
g 351

<210> 545
<211> 398
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 298, 323
<223> unknown base

<400> 545
agtttcataat atttggaaat gagcctttag ccataaaaagg ttttcagcaa 50
gttgtaactt atttggcct aaaaatgagg tttttttgga aagaaaaaaat 100
atttgttctt atgtattgaa gaagtgactt ttatataatg attttttaaa 150
tgcccaaagg actagttga aagcttcttt taaaaagaat tcctctaata 200
tgactttatg tgagaaggga taatacatga tcaaataaac tcagttttt 250
atggttactg taaaaaaagac tgtgtaggc agctcagcac catgcttntc 300
gtaaaaggcag cttcaattat ccnctgggt tatctttga caacttgcca 350
ttatctgatg ttacacaattt caatagcaag caagttttag acaatcgc 398

<210> 546
<211> 374
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 43, 99, 102, 129
<223> unknown base

<400> 546
cataaatata cccaccccaa atggacgact tatgaaggaa ttncttgtga 50
aagctcattt gagtaaaaatt tcctctcaaa caatactttt aggtcatang 100
cntgagtcta ttaatttattt ttctgttana ccctgccaaa aaagaatttt 150
aaaagtttagt ttatgttttg tgtaaccatg ttcttcagaa tgcaggtatg 200
tgagcatcat ggtttctggg taattctgt gtcctgtct ttgaaaatgg 250
agataccact tgcagcttat cccactgtg agtattccag cattggtagt 300
ggtttcaactc cattgcatcc atccagaact ttcacacagg cctccccga 350
accccttgcg gcgcaagggg ttcg 374

<210> 547
<211> 251
<212> DNA
<213> Homo Sapien

<400> 547
aaaaaaaaaa aattaagtga acctctactt tagaatgttg gctttcata 50
tatgtacaaa acaaaagagg ttgcagtgtat ggctgtggata aaggcacctg 100
tgtacttttc caacctatcc aatttcaaga tgtatcctt gtggattaca 150
ttggttcttt tctatggaat catgcacctt agacctggga gaaaccagcg 200
tgacatccag ggtcaagggtt ttccaatcag gtatTTTggg caagggttc 250
g 251

<210> 548
<211> 331
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 77
<223> unknown base

<400> 548
aaaaaaaaaa aaaaaaaagc taaaaaccct tgactaaatc tcccatgttt 50
tctcatatatta taaaaattc taaacgnggg tttttttgtt ttgtttgtt 100
tttctgtttc tccctctgca gagttgttag cggttctcga gatgccactc 150
ttagggtttg ggatattgag acaggccagt gtttacatgt tttgatgggt 200

catgttgcag cagtccgctg tttcaatat gatggcagga gggtttag 250
tggagcatat gatttatgg taaaggtgtg ggatccagag actgaaacct 300
gtctacacac gttcaggccc catgcggccg c 331

<210> 549
<211> 228
<212> DNA
<213> Homo Sapien

<400> 549
aaattatctt tactgatatg cggtccaaa tcccatgaga aaagacatct 50
catttgaggt tcccccttcct ctcatgttgt tgattttttg gaaggtgata 100
cagatgtggg taaccatgca aatgtttatg aataacttta ctgaagtgtat 150
tccatccgta ttctgttcta atactggag aatgaccccttc atatttataat 200
attttatttc tttgtttcaa ctatccag 228

<210> 550
<211> 461
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 21
<223> unknown base

<400> 550
tgaagatatg ggagacctat ncttagatgt tgctgaagct tttctgtatgt 50
tggttaata attctgcact tcccccttc agggctcttg tttgctctga 100
aagataacaac cttgcagtag ttttggcttc gtcatgcaga atgtttaaag 150
gccttaggct atatggagcg agctgctgaa agctatggca aggtgggtga 200
tctggcccca ctccatttgg atgcaaggat ttcactttct acccttcagc 250
agcagctggg ccagcctgag aaagctctgg aagctctgga accaatgtat 300
gatccagata cttagcaca ggtatgcaa at gtcacacagc aggaactgaa 350
gttattgctt catcggttcta ctctgttgtt ttcacaaggc aaaatgtatg 400
gttatgtgga taccttactt actatgttag ccatgctttt aaaggtagca 450
atgaatcgag c 461

<210> 551
<211> 205
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 23, 41, 66
<223> unknown base

<400> 551

tggaccccaag ttgtcagctg ggnggtactg gatcatctt nttctatcac 50
aagataaaact atcaanttcc ccagcatcat gaccttggc ccgtaaaaag 100
gagttcacta cttctgttca ctggagtct cttcaaatgg attctgtgtc 150
ctcctctgga gtctgtgctg catttattgc ttctgactct tccactaagc 200
cagag 205

<210> 552
<211> 331
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 39, 55, 66, 81, 90, 162, 164, 166, 170, 206, 245
<223> unknown base

<400> 552
ctaaagggga agaagaaaaa gaaaggattg gtcttgctnt aagggtaga 50
aaagngcaag gggaaancagg aaaggaaggc nccctacggg gtaattatga 100
aaatgcattt gaacttctgt ctgtatgtt gcttttttc tcatttctca 150
aaatatattct anananggtt ttaatccttc ttccaccatt tgcttagtt 200
ttaagngccc tgtgtgatag aagggttcat gttgtaaaat cagtnncaa 250
taatcagaac acttctacca gattgtctaa tggtgatgg tttctggcac 300
tgcttctaaa tgtcttcctc ctcattctgc g 331

<210> 553
<211> 370
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 60, 64, 74, 101, 117, 142, 188, 290
<223> unknown base

<400> 553
taaaagaaaaa gctaaagttt tactgtggcc aaaaaacccc tacatggct 50
ggggactggg ggtntcttt accntatctt tgaccacttt tctttttca 100
nttttctcaa ggcacanctg gcctcctttt tggtcctggc antggaaaga 150
cttggccta cttcagggtc ttcatgtttt ttcttcnnnc tgccttgaac 200
acccaccttt ctccccaaatgt ttccaggcag atggagtatg cacatggctc 250
actcttttac tttttaaatgtc tctgctcaaa agcaaatttt tcagccatgg 300
cttgcctgag cacccttattt aaaattgttt tcctactcct acatggctgt 350
tctcctttgc ttaccaccac 370

<210> 554
<211> 310

<212> DNA
<213> Homo Sapien

<400> 554
ttaaaaatgt aaaaaaaaaaa gaatttattt ttgttcttg ttagaatttc 50
tctgcaaaga atgtccaaaa attcatattc acattgatcg tatggcaaaa 100
agatgtccca gaagaacaag aacatatgag aagatggctg catgaacgtt 150
tcgaaatcaa agataagatg cttatagaat tttatgagtc accagatcca 200
gaaagaagaa aaagatttcc tggaaaaagt gttaattcca aattaagtat 250
caagaagact ttaccatcaa tggatctt aagtggtttgc actgcaggca 300
tgcttatgac 310

<210> 555
<211> 202
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 30, 39, 62, 79, 109, 129
<223> unknown base

<400> 555
ccttattttc cattccaaat ggcagccagn ataaaattna tttcccacaa 50
tttccctta anggttaaggg ttgccttnc cgcaatgccc ctcacatgg 100
tcttttggnc agttcggaaag cccttgggnt cttgatggct ttgtgtctag 150
taataatgca gggtgctcaa ggaaataaat tcagtgtgga tataactgaaa 200
ac 202

<210> 556
<211> 536
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 159
<223> unknown base

<400> 556
ggtcggaaat aagccattag caatccttgc tgtatccagg ctttatttt 50
tatagactat ggacattttc aatataattc tgtgagtc ttggcttgc 100
tgtgggtgt ttttggaaata ttttggact gcgcacccctt agggtcactg 150
gcattttgt tagctataaa ttataaacag atggaaactttt accacgcctt 200
gccatttttt tgcttttac ttggcaagtg ttttaaaaaaa ggctcaaag 250
gaaagggtt tgtgttgcta gttaagctag cttgtattgt tgtggcttcc 300
ttcgttctt gctggctgcc attcttaca gaaaggaaac aaaccctgca 350

ggttctaaga agactcttcc cggttgatcg tggattattt gaggataaag 400
tagccaatat ttgggcgcgc ttcaatgtct ttttgaagat taaggatatt 450
ttgccacgac acatccaatt aataatgagc ttttgtttta cgtttttgag 500
cctgcttcct gcatgcataa aattaatact tcagcc 536

<210> 557
<211> 488
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 68, 118
<223> unknown base

<400> 557
aaatcttctt gagctttgtt ttgagatgtt gttgagttaa cttataaacc 50
gtttcattct tttgggtntt gtttttatga tttatttagac agatatgaag 100
gagtgcttag tccagganta attattcctc accactgagg caagactttc 150
tgtggactct gttgaatgtt ccatgaatta atagtttcc cagttggct 200
agtggaaaca gatactattt ctggctttgt atgagtatca ggccctgttc 250
cctccattt tttctgtatgt tcttttctt gattctcata gtttcctcat 300
atgcatatgc tgatcagtta tctggtaat gcttgagaga agatctctat 350
agacctctgg ggttcttttc tatgcaactg tctccctctca gcattctgtg 400
cagttattcc ttgctgtttt tttctctctt ggctcttaac tttcttttc 450
caactcagga gtcagctgag atttgcctca gttgccac 488

<210> 558
<211> 728
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 26, 40, 59, 97, 108, 117, 141, 156, 163, 169, 192, 215, 266, 482,
484, 558
<223> unknown base

<400> 558
ttgcccttgg gagtaaacct tgaatnattt taaaaaaaacn acggttttaa 50
accttggcna ccgttgggtt gaggccttga ccacctttgg gacaccntgc 100
aagaggantc caacccnaaa caacaaccag gatgtgctcc nagcccagcc 150
ccccggnttca gtnccatant ttgccatgtt tctgtccaga tntgggttg 200
agcgggggggt ggggntgcaa cccagtgat tgggtcaccc ggcagactta 250
gggaaggtga ggcgangtgg ggagttggca gaatccccat acctcgcaga 300
tttgctgagt ctgtcttggc cagagggcca gagaatggct tatgggggcc 350

caggttggat ggggaaaggc taatggggtc agacccccc accgcttaccc 400
ctccagtcag cccagcgccc atcctgcagc tcagctggga gcatcattct 450
cctgctttgt acatagggtg tggcccttg gnangtggcc accatcatgt 500
ctaggcctat gctaggaggc aaatggccag gctatgcctg tggtttctc 550
aacactantt ttctgatatg agggcagcac ctgcctctga atggaaatc 600
atgcaactac tcagaatgtg tcctcctcat ctaatgctca tctgtttaat 650
ggtgatgcct cgctacagg atctggttac ctgtgcagtt gtgaataccc 700
agaggttggg cagatcagtg tctctagt 728

<210> 559
<211> 586
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 34, 68, 70, 113, 119, 150, 291, 312
<223> unknown base

<400> 559
atccggctgg gataacaattt tcattttcca tttnactctt gtcaattcca 50
ccttttaaga agacagcntn tcatttctga ggcattaaaa ttctccaggg 100
acaaagccat gcntcagtna catgtgtgtg cagagagaaa tgcacctgtn 150
tatctaaggg tagatttttgc atccctgaat aattcatttga ctaaactgac 200
ctcttcctcc tggctaaata aattaatttt gctggcttct ctctcagcgg 250
tttctatattt gtaaatttgtt gcatgaccaa aatagccccca ntcaaaatca 300
attggattaa tnttaatggt ttgggtggat gaatattctt ggatgaatat 350
aaaatgtgct gcccttcaca gatgacacca ctccccctgtc aatcatagca 400
catgtgtact ttttattgtt acttaatagt gatggatttg cactttctt 450
tcctcataact ctttcctgtt ttcttctttt gataatttgc tgcaggaggg 500
ctggatgcca gggtaagag agaaattcat gacaaggaag gtaaaattgg 550
ttcaaatgag catgtgtcccc acagccttag tctccc 586

<210> 560
<211> 648
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 71, 102, 113, 149, 157
<223> unknown base

<400> 560
ccggaaatt aagccctttt tttttttca aataataaaa gcttcgaaat 50

tgaaaggag aagtaaaat nccggatacc atgatttaat atgtagaaat 100
tnaagagat tcncaaacc tttaagataa aagccagttc accaaagtna 150
aggatgnaag atcagtgtac ataaatctgt tttatttcca tatacttgca 200
aagaggaatc ccaaaactga gattgaggaa agcatatata atagcatcaa 250
aaagttagtac aaaacatata ctctgaaaac tgcagaatgt tgagagaaat 300
taaataagta aatagataat cccatgttca tctagccaga ggactcatgt 350
attttggta ttaaccctcg atcagatgt a tggttgcaa atatccc 400
ccatttcata cattggctct tcattctgtt gattgttctc ttctgtaca 450
gaagtttta agtttcatat ataattttat tggtctat tgccttcgt 500
tccctatgct gtcgggtca tatctaaaaa aggtcatgt gcagaccaac 550
gtcatggaga tttccctgt gttccagta gtttacagt tttgggtctt 600
acatataagt ttgtttctt ttttcgaga tggatctt ctctgcgg 648

<210> 561
<211> 322
<212> DNA
<213> Homo Sapien

<400> 561
aaaaaaaaaaa aaaaaaggc ggccgcgact ctagagtca cctgcagg 50
tttatccaa aatgaaatgg ttggcacca aagagacaga aacccacaag 100
tcaaccacctt aggtcacaca tggttctgaa agtcctatac tgttctggat 150
tcccaggcac agaactccgg gctgctcagg aagagactat gattctcca 200
cctgccagct actattggcc atcccttctc attgcttcta gctccagcct 250
tctcatcccc attctctatt ctacattgtt atttctaacc cattgtgtgc 300
tggaaatca aaccactcag ca 322

<210> 562
<211> 275
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 13, 206, 237
<223> unknown base

<400> 562
cccacgcgtc cgntggtggc ttcagaagaa attctcaaca cctagctgc 50
cagagagtct atgtatgggaa ttgaacaatc tgtaaactaa aggatcctaa 100
tcatgaaaat aagtatgata aattataagt cactattggc actgttgttt 150
atattagcct cctggatcat ttttacagtt ttccagaact ccacaaaggt 200

ttggtntgct ctaaacttat ccatctccct ccattantgg aacaactcca 250
caaagtcctt attccctaaa acacc 275

<210> 563
<211> 43
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide probe

<400> 563
tgtaaaaacga cggccagtta aatagacctg caattattaa tct 43

<210> 564
<211> 41
<212> DNA
<213> Homo Sapien

<220>
<221> Artificial Sequence
<222> full
<223> Synthetic oligonucleotide probe

<400> 564
caggaaacag ctatgaccac ctgcacacct gcaaatccat t 41